ACIDIC PRECIPITATION IN ONTARIO STUDY

CUMULATIVE (28 DAY) PRECIPITATION CHEMISTRY LISTINGS JANUARY 2, 1985 - DECEMBER 31, 1985

Atmospheric Processes Studies Unit Air Quality and Meteorology Section Air Resources Branch Toronto, Ontario Canada, M5S 128

> JANUARY 1987 ARB-002-87-AQM

A.P.J.O.S. Coordination Office
Ontario Ministry of the Environment
6th Floor, 40 St. Clair Ave. ♥.,
Toronto, Ontario
Canada, M4V 1P5

TD 196 A25 A4 1985 ACC ACC C.1 a aa

c 1987 Her Majesty the Queen in Right of Ontario

Copyright Provisions and Restrictions on Copying:

This Ontario Ministry of the Environment work is protected by Crown copyright (unless otherwise indicated), which is held by the Queen's Printer for Ontario. It may be reproduced for non-commercial purposes if credit is given and Crown copyright is acknowledged.

It may not be reproduced, in all or in part, for any commercial purpose except under a licence from the Queen's Printer for Ontario.

For information on reproducing Government of Ontario works, please contact ServiceOntario Publications at copyright@ontario.ca

ACIDIC PRECIPITATION IN ONTARIO STUDY

CUMULATIVE (28 DAY) PRECIPITATION CHEMISTRY LISTINGS JANUARY 2, 1985 - DECEMBER 31, 1985

Atmospheric Processes Studies Unit Air Quality and Meteorology Section Air Resources Branch Toronto, Ontario Canada, M5S 128

> JANUARY 1987 ARB-002-87-AQM

A.P.I.O.S. Coordination Office
Ontario Ministry of the Environment
6th Floor, 40 St. Clair Ave. ₩.,
Toronto, Ontario
Canada, M4V 1P5

c 1987 Her Majesty the Queen in Right of Ontario

ACKNOWLEDGEMENTS

This report was prepared by Diane Green of the APIOS Atmospheric Deposition and Chemistry Program. However, the data themselves are a product of the combined efforts of many individuals. Precipitation samples were collected by a large number of site operators, whose names cannot be individually mentioned here, under the coordination of the APIOS environmental technicians Scott Kennedy (in Southwestern Region), Steve Elliott (in Southeastern Region), Wim Smits (in Northwestern Region), Jeff Columbus (Northeastern Region) and J.P. Varto (in Central Region). Sample handling was carried out by Dan Orr and Errol Butler, and overall network coordination by Bill Bardswick of the Air Resources Branch. Chemical analyses were performed at the Laboratory Services Branch under the coordination of Frank Tomassini and Barry Loescher. Invaluable clerical and computer assistance were provided by Koshy Mathew and William Chang respectively, of C.C and C. Computer Systems Inc. All enquiries regarding the reported data should be directed to Neville Reid, Coordinator, Atmospheric Deposition and Chemistry Program, at (416) 965-1634.

AR36-24

TABLE OF CONTENTS

PART I	INTRODUCTION		Page III
PART II	STATION DESCRIPTION AND	D LOCATION MAP	VI
PART III	SOUTHWESTERN REGION C PRECIPITATION CHEMISTR	UMULATIVE Y LISTINGS	
	Station Name	Map Ref. No.	Page
PART IV	Alvinston Colchester Huron Park Merlin Palmerston Port Stanley Shallow Lake Waterloo Wilkesport CENTRAL REGION CUMULA PRECIPITATION CHEMISTRY	05 01 06 02 08 03 09 07 04	1 4 7 10 13 16 19 22 25
			_
	Station Name Campbellford Coldwater Dorset Uxbridge Wilberforce	Map Ref. No. 13 12 20 11 18	Page 28 31 34 40 43
PART V	SOUTHEASTERN REGION CU PRECIPITATION CHEMISTRY	IMULATIVE LISTINGS	
	Station Name	Map Ref. No.	Page
*	Cloyne Dalhousie Mills Golden Lake Smith's Falls	14 16 17 15	46 49 52 55

PART VI NORTHEASTERN REGION CUMULATIVE PRECIPITATION CHEMISTRY LISTINGS

Station Name	Map Ref. No.	Page
Moosonee	38	E 0
Azure Lake	26	58
Bear Island	24	61
Gowganda	25	64
Killarney	23	67
Mattawa		70
McKellar	22	73
Moonbeam	21	76
Turkey Lake	27	79
	37	82
Whitney	19	85

PART VII NORTHWESTERN REGION CUMULATIVE PRECIPITATION CHEMISTRY LISTINGS

Station Name	Map Ref. No.	Page
Dorion	31	0.0
Ear Falls	35	88 91
Exp. Lakes Area	34	94
Geraldton	30	97
Lac La Croix	33	100
Otter Island	38	103
Pickle Lake	39	106
Quetico Centre	32	109
Winisk	29	112

PART I INTRODUCTION

INTRODUCTION

The data listed herein are a summary of the results acquired from the APIOS cumulative precipitation sampling network from January 2, 1985 to December 31, 1985. The sampler utilized for collection of wet cumulative deposition is the M.I.C. Type "A" collector (Sangamo). During May to October when precipitation is mainly in the form of rain, the Sangamo collector is equipped with a 34 cm x 61 cm polyethylene bag insert. For snow and snow/rain collection from November to April, deeper collection vessels are utilized (122 cm) with 34 cm x 122 cm polyethylene bag inserts. The deeper collection vessel is utilized to reduce snow blow out. The period of accumulation per sample is 28 days.

All data presented in this report have been screened for validity. Remarks and qualifications have been appended to records, and/or results where necessary. The screening procedure involved checking each record for chemical analysis integrity (e.g. ionic balance, observed vs. theoretical conductance). Gross limits checks were applied to the results. Upper limits were determined as M + 2S where median (M) and scale (S) represent robust estimates of mean and standard deviation respectively. Scale of the distribuiton was estimated from interquartile distance, i.e. S=0.74 (3rd quartile - 1st quartile) based upon logarithmically transformed results. In a situation where the distribution is significantly bounded by reported detection limits, S may be estimated as follows, S=1.48 (3rd quartile - 2nd quartile). Lower gross limits were specified by the above method except for those parameters with minimum values near or at the detection limits (Cl, Mg, K, Na, Ph, Mn, Ni, Pb, V, Al, Cu, Cd). For these parameters a lower gross limit of zero was utilized. The data were also screened for outliers statistically by applying the Dixon Ratio test to the highest and lowest values observed in each region on a monthly basis. Outliers were determined at the 95% level of confidence. Records and/or results deemed unreliable are flagged but not deleted. Detailed description of the validation procedures as applied to this data set is available from the Ministry upon request.

Station Identification

The station identification is defined by four descriptive fields (e.g., Dorset/Cumulative/Wet #20). The first field refers to the sampling location. The second and third fields describe the sampling interval and the sampling type (e.g., wet or dry) respectively. The last numeric field refers to the index code utilized on the location map. All precipitation chemistry listings are given in alphabetic order by station name within each region.

Cumulative Precipitation Chemistry Listings

Sample type, as coded in the data listings, represents the state of the collected sample at time of removal. The sample date represents the date on which the sample was removed from the sampler. All chemical analyses were done on unfiltered samples. Lab pH entries represent pH measurements obtained at the MOE Laboratory in Toronto.

Total hydrogen ion concentration is reported for both titration of the sample with NaOH to an end point pH of 8.3 and gran analysis titration. For a complete outline of lab analytical methodology please consult the Ontario Ministry of the Environment report "Outlines of Analytical Methods" coordinated by Water Quality Section, Laboratory Services Branch, June 1981.

Of the reported metals, aluminum, copper, iron and zinc were found to display significant adsorptive losses. As a result, a leach solution of 5% HNO₂ (1 litre) is placed in the emptied collection bag for 24 hours. The leach solution is then analysed for the above metals and a final metal concentration is then calculated. In the calculation of final metal concentration, if a detection limit is encountered, a value corresponding to one half the detection limit is utilized.

Co-located with each sampler is a cumulative precipitation gauge which serves as a primary standard of precipitation during the collection period. However, if the cumulative gauge depth is missing or is thought to be inaccurate, then an approximate precipitation depth is determined. The approximation is made by accumulating the surrounding CLIMAT* station daily depth gauge results individually and then interpolating using a modified kriging method (1) to the APIOS station. Sometimes precipitation gauge results could not be calculated by the above method, in which case the data are missing in the tables to follow.

Calculation of Equivalent Precipitation Depth (mm)

Equivalent Precipitation Depth (mm) = $\frac{\text{Volume Collected (ml)} \times 30.8}{1000}$

Calculation of Observed Sampling Efficiency

% Efficiency = Equivalent Precipitation Depth (mm) x 100 % Gauge Depth (mm)

Field Comment Code Index

A - Insects in sample

B - Leaves in sample

C - Particulates in sample

D - Fibres in sample

E - Sample not submitted

F - Sampler malfunctioned

G - Sample spilled or leaked

H - Volume incorrect

I - Event(s) missed

J - Wet side open when not precipitating

K - No precipitation collected

L - Part of event missed

M - Dry side open when precipitating

P - Gauge depth incorrect

Q - Other

^{*} Environment Canada, Atmospheric Environment Service Meteorological Observations in Eastern Canada, Monthly Record

⁽¹⁾ Spatial Trend Analysis and Uncertainty Estimates of Acid Deposition Data in Ontario, A.J.S. Tang and W.H. Chan, reprint #85-6A.6, 78th Air Pollution Control Assocation Annual Meeting, Detroit, Michigan, June 16-18, 1985.

Office Comment Code Index

C - calculated/observed conductance discrepancy

H - calculated/observed pH discrepancy

J - △ pH large

M - poor ionic balance

N - abnormal sampler efficiency

T - free hydrogen exceeds total hydrogen

X - sample lost

Analytical Result Remark Code Index

> - actual result greater than value reported

< - actual result less than value reported

T - actual result less than criterion of detection
W - no response, minimum possible result reported

A - approximate value
U - unreliable result

L - bag leach result not available

L - bag leach result not available and precipitation sample result has been reported as a detection limit

LG - exceedance of lower gross limit checks UG - exceedance of upper gross limit values

D - outlier of Dixon Ratio Test

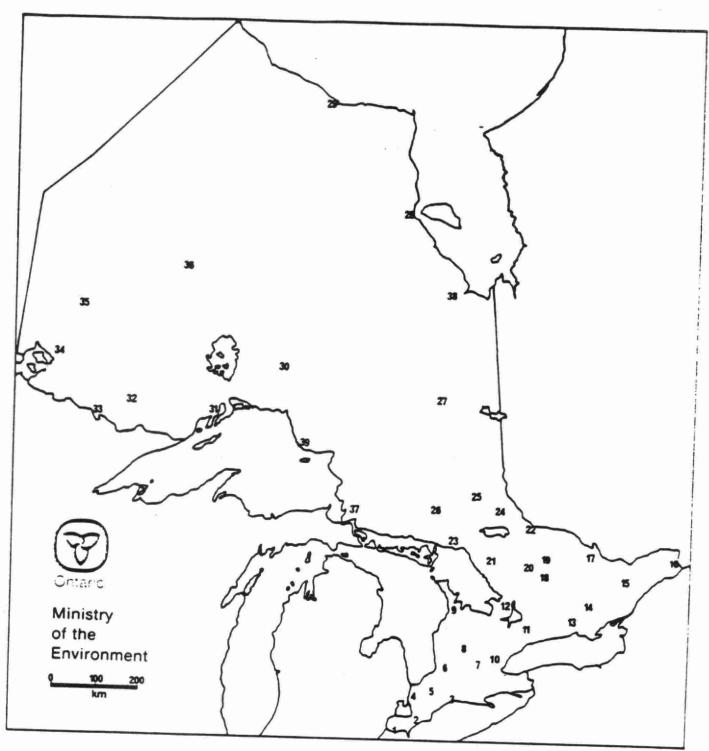
B - exceedance of gross limit checks and outlier of Dixon Ratio Test

PART II STATION DESCRIPTION AND LOCATION MAP

APIOS CUMULATIVE WET/DRY DEPOSITION NETWORK SITE DESCRIPTIONS

MOE REGION	STATION NAME	STATION .	INSTRUMENTATION	ELEVATION	LATITUDE	LONGITUDE	UTM GRID (O-ORDINATES
		NUMBER		(m above MSL)	(North)	(West)	(Northing)	(Easting)
Southwestern	Colchester	1041	MIC/Low-Volume Air	183	41°59'15"	0		,,
	Merlin	1051	MIC	191	42014'47"	82 ⁰ 55'41"	4650000	340300
	Pt. Stanley	1061	MIC/Low-Volume Air	213	42040'22"	82 ⁰ 13'30"	4676400	398950
	Wilkesport	1071	MIC/Low-Volume Air	183	42042'11"	81°09'55"	4724050	486700
	Alvinston	1081	MIC	221	42049'36"	82021'13"	4728350	389150
2.	Shallow Lake	1091	MIC/Low-Volume Air	229	42 49'36" 44 34'54"	81050'04"	4942000	431550
	Palmerston	1101	MIC/Low-Volume Air	389	43048'19"	81005'24"	4936200	492850
	Huron Park	1191	MIC	250	43 17'28"	80°54'12"	4850050	507750
	Waterloo	2021	MIC	343	43 17'28"	81°30'03"	4793000	459350
Central	Dorset	3011	MIC/Low-Volume Air	320	43028'39"	80°35'09"	4813750	533500
	Milton	3051	MIC MIC		45°13'26"	78°55'52"	5009650	662400
*	Uxbridge	3061	MIC/Low-Volume Air	221	43 ⁰ 31'05"	79055'54"	4818600	586350
	Wilberforce	3071	MIC	244	44°12'46"	79 ⁰ 12'38"	4896800	643000
	Campbellford	3081	MIC/Low-Volume Air	396	45°00'54"	78°12'58"	4988150	719400
	Coldwater	3101	MIC / DOW- VOIUM & AIP	175	44 ⁰ 17'28"	77047'33"	4907600	277150
Southeastern	Kaladar	4051		280	44 ⁰ 37'31"	79032'08"	4942200	615900
	Smith's Palls	4061	MIC/Low-Volume Air	244	44°41'31"	77009'18"	4950800	329250
	Dalhousie Mills	4071	MIC/Low-Volume Air MIC/Low-Volume Air	122	44 ⁰ 56'41"	75°57'48"	4977100	423950
	Oolden Lake	4081	MIC/Low-Volume Air	69	45°19'00"	74028'13"	5018100	541550
	Cloyne	4091	MIC/Low-Volume Air	160	45°36'48"	77012'03"	5053200	328400
Northeastern	McKellar	5011	MIC/Low-Volume Air	259	44049'09"	77011'45"	4964750	327100
	Killarney	5021	MIC/Low-Volume Air	244	45°30'57"	79°55'19"	5040600	583950
	Mattawa	5031	MIC/Low-Volume Air	183	45°59'26"	81029'18"	5092900	462200
	Bear Island	5041	MIC	198	46°16'45"	78°49'19"	5127150	667800
	Ramsey	5051	MIC	305	46°58'22"	80°04'40"	5202400	570350
	Gowganda	5061	MIC/Low-Volume Air	427	47°26"33"	82°20'14"	5254900	399200
	Moonbeam	5071	MIC/Low-Volume Air	343	47°39'04"	80°46'32"	5277300	516600
	Attawapiskat	5081	MIC/Low-Volume Air	244	49°19'16"	82 ⁰ 08'46"	5463600	416650
	Whitney	5091	MIC/Low-Volume Air	9	52°56'00"	82 ⁰ 24'00"	NA	NA
	Turkey Lake	5141	MIC	412	45°32'21"	78 ⁰ 15'35"	5045950	713950
	Azure Lake	5151	MIC/Low-Volume Air	472	47°03'15"	84°24'00"	5214250	696750
	Moosonee	5161	MIC	244	47°28'12"	81052'30"	5257650	434250
Northwestern	Dorlon		MIC/Low-Volume Air	8	51°12'34"	80 ⁰ 42'20"	5673000	520550
THOI CHW 65 LEFT	Nakina	6011	MIC/Low-Volume Air	244	48°50'33"	88°36'45"	Inches and the second second	382150
	Bar Palls	6021	MIC/Low-Volume Air	320	50°10'38"	86042'90"	5558150	520950
	Pickle Lake	6031	MIC/Low-Volume Air	350	50°38'31"	93°13'13"	5609800	484150
al .	Lac la Croix	6041	MIC/Low-Volume Air	360	51 27'41"	90 12'04"		694550
	Quetico Centre	6061	MIC	368	48 21'14"	92012132"		558400
	B.L.A.	6071	MIC/Low-Volume Air	420	48044'24"	91~12'08"		632100
	Winisk	6091	MIC	123	48 ⁰ 21'14" 48 ⁰ 44'24" 49 ⁰ 39'22"	93~43'28"		447350
	Otter Island	6101	MIC	9	55°12'00" 48°06'50"	85 08'00"		NA
	Geraldton	6111	MIC/Low-Volume Air	204	48 06'50"	86°04'25" 86°46'00"		569500
	Oer alu (OII)	6121	MIC/Low-Volume Air	351	49 ⁰ 48'05"	86°46'00"		516750
						37 3 7	3010300	310130

FIGURE 1 LOCATION OF APIOS CUMULATIVE WET/DRY DEPOSITION NETWORK SITES



- 1. Coichester e
- 2. Mertin
- Pt. Stanley *
- 4. Wilkesport *
- 5. Alvinston
- 6. Huron Park
- Waterloo
- Palmerston * 8.
- Shallow Lake * 9.
- 10. Milton (removed March 1984)
- 11. Uxbridge *
- 12. Coldwater
- 13. Campbellford*
- 14. Cloyne*
 - (replacing Kaladar, June 1983)

- 15. Smith's Falls
- 16. Dalhousie Wills *
- 17. Golden Lake*
- 18. Wilberforce
- 19. Whitney
- 20. Dorset *
- 21. McKellar *
- 22. Mattawa *
- 23. Killarney*
- 24. Bear Island 25.
- Gowganda * 26. Azure Lake
 - (replacing Ramsey, June 1983)
- 27. Moonbeam *
- 28. Attawapiskat (removed February 1984)

- 29. Winisk
- Geraldton *

(replacing Nakina, August 1983)

- Dorion *
- Quetico Centre*
- Lac la Croix
- 34. Experimental Lakes Area
- 35. Ear Falls*
- 36. Pickle Lake*
- Turkey Lake*
- Moosonee *
- (installed October, 1985) 39. Otter Island®
- (operated only during "summer" periods)

indicates both a dry and wet deposition network site

PART III

SOUTHWESTERN REGION

CUMULATIVE PRECIPITATION CHEMISTRY LISTINGS

STATION NAME : ALVINSTON/CUMULATIVE PRECIP. #05 PAGE : 1 REMOVAL EXPOSURE SAMPLING SAMPLE GAUGE GAUGE SAMPLE PROJECT DATE SUBPROJECT SAMPLER DATE START END COMMENTS TYPE DEPTH(MM) TYPE NUMBER CODE CODE EFFICI-HR. FIELD OFFICE HR. 01-RAIN 02,03-APIOS 02-APIOS 01-HOE ENCY 02-SNOW 09-AES 03-SPECIAL 03-AES (X) 03-COMP/04-OTHER JAN 29,85 JAN 2,85 800 1430 2 25.0 19760 2 MAR 5,85 JAN 29,85 95 1430 830 3 156.0 19790 MAR 26,85 MAR 5,85 U 55 830 8 830 3 29.0 19811 APR 23,85 MAR 26,85 58 830 1245 84.0 19837 MAY 21,85 APR 23,85 1 65 1245 1245 1 30.0 19849 JUN 18,85 HAY 21,85 1 106 AC 1245 1400 61.0 19884 JUL 18,85 JUN 18,85 92 1400 1200 54.0 19906 AUG 14,85 JUL 18,85 94 1400 AC 1130 1 60.0 3 19930 SEP 10,85 AUG 14,85 86 1130 1130 1 161.0 3 19952 OCT 8,85 SEP 10,85 90 AC 1130 1100 1 19.0 3 19974 NOV 5,85 OCT 8,85 1 89 CD 1100 1130 1 130.0 3 19984 2 DEC 3,85 NOV 5,85 1 95 BC 1130 1200 3 93.0 74018 DEC 31,85 DEC 3,85 2 1 U 51 1200 CG 1100 45.0 74054 2 1 62

REMOVAL EXPOSURE Date date	VOLUME	CONDUCT.	PH Lab	TOTAL H+ Gran	SULPHATE	NITRATE	CALCIUM
	ML	UNHO/CH		MG/L	MG/L	AS N MG/L	MG/L
JAN 29,85 JAN 2,85 HAR 5,85 JAN 29,85 HAR 26,85 HAR 5,85 APR 23,85 HAR 26,85 JUN 18,85 JUN 18,85 JUL 18,85 JUN 18,85 AUG 14,85 JUL 18,85 SEP 10,85 AUG 14,85 OCT 8,85 SEP 10,85 NOV 5,85 OCT 8,85 DEC 31,85 DEC 3,85	773.0 2833.0 550.0 1781.0 1034.0 1823.0 1660.0 1682.0 4740.0 553.0 4044.0 1540.0 910.0	21.0 26.5 38.8 24.6 53.8 35.4 41.5 38.2 50.3 20.9 16.5 38.0	4.54 4.39 4.18 4.50 4.07 4.27 4.19 4.23 4.13 4.10 4.60 4.60 4.20	0.0557 0.0713 0.0984 0.0617 0.1170 0.0819 0.0951 0.0944 0.0993 0.1120 0.0492 0.0503 0.1010	LG 1.25 2.25 3.05 2.85 6.85 3.75 4.70 4.10 3.55 5.95 2.55 1.55	0.61 0.49 0.78 0.47 0.99 0.59 0.62 0.52 0.53 0.84 0.37 0.29	0.44 ***********************************

STAT	TION NAME :	ALVINSTON/CUMULATI	VE PRECIP.	#05			PAGE : 2	- Feb
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONTUM	PHOSPHOR
		MG/L	MG/L	HG/L	MG/L	MG/L	AS N MG/L	MG/L
JAN 29,85		0.38	0.28	0.065	0.055	0.140	0.145	
MAR 5,85		0.28	0.32	***	****	****	0.165	0.016
MAR 26,85		0.20	0.50	0.065	<t 0.015<="" td=""><td>0.095</td><td>0.230 0.320</td><td>0.006</td></t>	0.095	0.230 0.320	0.006
APR 23,85		0.20	0.49	0.075	0.055	0.110	1	0.017
MAY 21,85		0.31	1.20	0.190	0.155	0.100	0.400	<7 0.006
JUN 18,85		0.09	0.58	0.065	0.045	0.055	0.950	0.024
JUL 18,85		0.16	0.45	0.105	0.100	0.035	0.520	<t 0.002<="" td=""></t>
AUG 14,85		0.10	0.45	0.075	<t 0.020<="" td=""><td>0.030</td><td>0.535</td><td><t 0.003<="" td=""></t></td></t>	0.030	0.535	<t 0.003<="" td=""></t>
SEP 10,85		0.11	0.33	0.045	0.025	0.035	0.385	<7 0.005
OCT 8,85		0.32	0.60	0.175	0.115	0.115	0.240	<t 0.005<="" td=""></t>
NOV 5,85		0.15	0.19	0.080	B 0.285	0.030	0.565	0.008
DEC 3,85		0.10	0.29	0.045	<t 0.010<="" td=""><td>0.030</td><td>LG 0.095</td><td>0.006</td></t>	0.030	LG 0.095	0.006
DEC 31,85	DEC 3,85	0.40	0.39	0.055	0.025	0.120	0.175 0.315	<t 0.005<br="">0.007</t>
								•
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUNINUM
		MG/L	MG/L	MG/L	MG/L	MG/L	HG/L	HG/L
JAN 29,85	JAN 2,85	0.004	0.0005	0.011	0.116	0.009	0.0006	
MAR 5,85	JAN 29,85	0.003	0.0002	0.008	0.060	0.008	< 0.0004	0.119
MAR 26,85	MAR 5,85	0.004	0.0002	0.013	0.070	0.010	0.0004	0.045
APR 23,85	MAR 26,85	0.005	0.0005	0.007	0.068	0.004	< 0.0004	0.065
MAY 21,85	APR 23,85	UG 0.017	0.0008	0.014	UG 0.300	0.011	0.0007	0.072
JUN 18,85	MAY 21,85	0.005	< 0.0002	0.004	0.038	0.004	< 0.0004	UG 0.352
JUL 18,85	JUN 18,85	0.008	0.0008	0.014	0.084	0.008	< 0.0004	0.031
AUG 14,85	JUL 18,85	0.003	0.0002	0.009	0.035	0.002	< 0.0004	0.104
SEP 10,85	AUG 14,85	0.002	0.0009	0.005	0.024	0.005	< 0.0004	0.039
OCT 8,85	SEP 10,85	0.006	0.0007	0.009	0.082	0.018	< 0.0004	0.024
NOV 5,85	OCT 8,85	0.003	0.0004	0.001	0.017	< 0.001	< 0.0004	0.100
DEC 3,85	NOV 5,85	0.004	0.0003	0.007	0.085	0.003	0.0004	0.021
DEC 31,85	DEC 3,85	0.004	0.0015	0.011	0.078	0.006	< 0.0004	0.068
						0.000	. 0.0004	0.068

STATI	ON NAME : ALVI	NSTON/CUMULATI	VE PRECIP.	#05
REMOVAL DATE	EXPOSURE DATE	COPPER	CADMIUM	FREE H+
5412	24.2	MG/L	MG/L	MG/L
JAN 29,85	JAN 2,85	0.0014	0.00063	0.0288
MAR 5,85	JAN 29,85	0.0008	0.00040	0.0407
MAR 26,85	MAR 5,85	0.0028	0.00022	0.0661
APR 23,85	MAR 26,85	0.0011	0.00136	0.0316
MAY 21,85	APR 23,85	0.0019	0.00019	0.0851
JUN 18,85	MAY 21,85	0.0013	0.00010	0.0537
JUL 18,85	JUN 18,85	0.0023	< 0.00002	0.0646
AUG 14,85	JUL 18,85	0.0007	0.00012	0.0589
SEP 10,85	AUG 14,85	0.0006	0.00005	0.0741
OCT 8,85	SEP 10.85	0.0022	0.00009	0.0794
NOV 5.85	OCT 8,85	0.0004	0.00003	0.0251
DEC 3,85	NOV 5.85	0.0008	0.00110	0.0251
DEC 31,85	DEC 3,85	0.0014	0.00020	0.0631

PAGE : 3

w

.

			MULATIVE PRECIP.								
REMOVAL	EXPOSURE	SAMPLING	SAMPLE	GAUGE	GAUGE	SAMPLE		SUBPROJECT	SAMPLER		MENTS OFFICE
DATE	DATE	START EN		DEPTH(MM)		NUMBER	CODE	CODE 01-MOE	EFFICI- ENCY	FIELD	UFFICE
		HR. HR			02,03-APIOS		02-APIOS 03-SPECIAL	03-AES	(X)		
			02-SNOW		09-AES		03-SPECIAL	03-AE3	17.7		
			03-COMP/04-OTHE	R							
JAN 29,85	JAN 1,85	930 80	5 2	31.0	2	19755	2	1	66		
FEB 26,85	JAN 29,85	815 80		103.0	2	19795	2	1	54		
MAR 26,85	FEB 26,85	813 80	0 3	74.0	2	19813	2	1	74		22
APR 23,85	MAR 26,85	811 73	5 3	109.0	2	19831	2	1	94	-	Н
MAY 21,85	APR 23,85	735 73	0 1	34.0	3	19844	2	1	76	CD	
	MAY 21,85	730 150	0 1	69.0	3	19879	2	1	80	CQ	
JUL 16,85	JUN 18,85	1500 83	0 1	60.0	3	19901	2	1	95	A	
AUG 13,85	JUL 16,85	800 80	0 #	230.3	3	19925	2	1	8	AC	M
SEP 10,85	AUG 13,85	815 81	0 1	116.0	3	19947	2	1	92	AC	
OCT 8,85	SEP 10,85	820 80	0 1	16.0	3	19969	2	1	U 87	ACIM	
NOV 5,85	OCT 8,85	820 132		114.0	3	19979	2	1	84	AC	
DEC 3,85	NOV 5,85	1330 81		106.0	3	74013	2	1	U 67	CGQ	
DEC 31,85	DEC 3,85	815 80	0 2	37.0	3	74049	2	1	67		
REMOVAL DATE	EXPOSURE DATE	VOLUM	E CONDUCT		PH LAB	TOTAL H+ GRAN	SULPHAT		TRATE	CALCIU	н
DATE	JA12	ML	UMHO/C			MG/L	MG/L	,	MG/L	MG/L	
JAN 29,85	JAN 1,85	670.	0 21.1		4.55	0.0535	1.55		0.48	0.41	
FEB 26,85	JAN 29,85	1837.	0 37.0		4.22	0.0893	2.60		0.59	***	
MAR 26,85	FEB 26,85	1799.	0 41.4		4.14	0.1030	3.75		0.68	0.30	
APR 23,85	MAR 26,85	3343.	0 17.9		4.71	0.0429	2.55		0.30	0.62	
MAY 21,85	APR 23,85	849.	0 50.1		4.10	0.1060	6.65		0.97	0.99	
JUN 18,85	MAY 21,85	1795.	0 38.6		4.18	0.0955	4.80		0.53	0.37	
JUL 16,85	JUN 18,85	1855.			4.14	0.1080	4.85		0.60	0.39	
AUG 13,85		641.		100	4.45	0.0703	6.20		0.74	0.62	
SEP 10,85	AUG 13,85	3502.			4.08	0.1170	4.90		0.53	0.26	
OCT 8,85	SEP 10,85	457.			4.29	0.0802	5.35		0.69	0.93	
NOV 5,85	OCT 8,85	3128.			4.12	0.1010	D 4.00		0.48	0.24	
	MOW F OF	2318.	0 18.2		4.58	0.0536	2.05	LG	0.17	0.19	
DEC 3,85 DEC 31,85	NOV 5,85 DEC 3,85	815.			4.31	0.0881	2.20		0.74	0.28	

STATI	ON NAME : C	OLCHESTER/CUMULATIV	E PRECIP.	#01			PAGE : 2	
REMOVAL	EXPOSURE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	PHOSPHOR
DATE	DATE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 29,85	JAN 1,85	0.59	****	0.120	0.030	0.230	0.125	****
FEB 26,85	JAN 29,85	0.47	0.25	****	***	****	0.180	0.006
MAR 26,85	FEB 26,85	0.22	0.54	0.075	<w 0.005<="" td=""><td>0.095</td><td>0.425</td><td>0.006</td></w>	0.095	0.425	0.006
APR 23,85	MAR 26,85	0.17	0.45	0.085	0.040	0.105	0.385	<t 0.005<="" td=""></t>
MAY 21,85	APR 23,85	0.12	1.21	0.230	0.075	0.080	1.050	0.022
JUN 18,85	MAY 21,85	0.17	0.64	0.085	0.050	0.035	0.530	0.007
JUL 16,85	JUN 18,85	0.28	0.76	0.095	0.110	0.050	0.650	D 0.043
AUG 13,85	JUL 16,85	0.23	1.82	0.135	0.195	D 0.095	1.480	B 0.142
SEP 10,85	AUG 13,85	0.22	0.51	0.045	0.035	0.060	0.420	0.010
OCT 8,85	SEP 10,85	0.31	0.71	0.280	0.160	0.135	0.585	D 0.032
NOV 5,85	OCT 8,85	0.25	0.38	0.030	0.030	0.045	0.370	<t 0.003<="" td=""></t>
DEC 3,85	NOV 5,85	D 0.28	1.30	0.040	D 0.090	D 0.125	0.165	<t 0.003<="" td=""></t>
DEC 31,85	DEC 3,85	0.36	0.34	0.075	0.045	0.135	0.240	<t 0.004<="" td=""></t>
REHOVAL	- EXPOSURE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUHINUM
DATE	DATE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
14N 00 0F	JAN 1,85	0.004	0.0013	0.024	0.180	0.010	0.0004	0.161
JAN 29,85 FEB 26,85	JAN 29,85	D 0.002	0.0003	0.011	0.025	0.007	< 0.0004	0.031
and the same of th	FEB 26,85	0.003	0.0002	0.010	0.051	0.010	0.0004	0.046
MAR 26,85	MAR 26,85	0.004	0.0004	0.007	0.065	0.002	< 0.0004	0.076
APR 23,85	APR 23,85	UG 0.012	0.0005	0.016	UG 0.266	0.010	0.0006	UG 0.308
MAY 21,85	MAY 21,85	0.005	0.0002	0.008	0.044	0.003	< 0.0004	0.047
JUN 18,85	JUN 18,85	0.006	0.0011	0.014	0.082	0.006	0.0005	0.157
JUL 16,85		0.004	D 0.0026	0.015	0.061	0.005	< 0.0004	0.078
AUG 13,85	JUL 16,85	0.002	0.0003	0.006	0.032	0.002	< 0.0004	0.046
SEP 10,85	AUG 13,85	0.002	0.0005	0.010	0.104	0.006	< 0.0004	0.087
OCT 8,85	SEP 10,85	0.005	0.0004	0.004	0.016	0.007	< 0.0004	0.021
NOV 5,85	OCT 8,85	0.001	0.0017	0.010	0.015	< 0.001	0.0004	0.024
DEC 3,85	NOV 5,85	0.001	0.0017	0.013	0.054	0.004	< 0.0004	0.041
DEC 31,85	DEC 3,85	0.004	0.0010	0.013	0.054	0.007		

STATION NAME : COLCHESTER/CUMULATIVE PRECIP. #01 REMOVAL **EXPOSURE** COPPER CADMIUM FREE H+ DATE DATE MG/L MG/L MG/L 0.0282 JAN 29,85 JAN 1,85 0.0010 0.00011 0.00007 0.0603 0.0006 FEB 26,85 JAN 29,85 MAR 26,85 FEB 26,85 0.0010 0.00011 0.0724 0.0195 0.0004 0.00007 APR 23,85 MAR 26,85 0.0794 MAY 21,85 APR 23,85 < 0.0004 0.00014 0.0010 0.00008 0.0661 JUN 18,85 MAY 21,85 JUL 16,85 JUN 18,85 0.0010 0.00007 0.0724 0.00011 D 0.0355 AUG 13,85 JUL 16,85 0.0037 0.0019 0.00001 0.0832 SEP 10,85 AUG 13,85 0.0513 OCT 8,85 SEP 10,85 U 0.0047 0.00029 NOV 5,85 OCT 8,85 0.0005 0.00008 0.0759 DEC 3,85 NOV 5,85 D 0.0056 0.00046 0.0263 0.00027 0.0490 DEC 31,85 DEC 3,85 0.0024

PAGE 1 3

9

.

STATION NAME : HURON PARK/CUMULATIVE PRECIP.

206

PAGE 1 1

EXPOSURE	SAMPL	ING	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	30	HENTS
DATE	START HR.	END HR.	TYPE 01-RAIN 02-SNOW	DEPTH(MM)	TYPE 02,03-APIOS 09-AES	NUMBER	CODE 02-APIOS 03-SPECIAL	CODE 01-MOE 03-AES	EFFICI- ENCY (%)	FIELD	OFFIC
	e.	03-	-COMP/04-OTH	ER							
JAN 2.85	1100	1100	2	25.0	2	19765	2	1	64		
			3	156.0	2	19785	2	1	55		
, 유명보다 - ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	1000	1015	3	13.0	2	19809	2	1	96	9	
AND THE RESERVE TO SERVE THE PARTY OF THE PA	1015	1100	*	****		19840	2	1	***	GE	
The second secon	1100	930	1	32.0	3	19852	2	1	66	CD	H
		1300	1	21.0	3	19888	2	1	284	ACQ	
		CONTRACTOR OF THE PARTY OF THE	1	41.0	1	19912	2	1	104		
	75-70-70-70-70-70-70-70-70-70-70-70-70-70-		1	20.4	1	19933	2	1	61	A	
	7.5.11.15	900	1	135.0	3	19955	2	1	97		
SEP 10,85	1000	1200	1	22.0	3	19977	2	1	111		
	1200	1200	1	103.0	3	19987	2	1	101		
	1200	1000	3	83.0	3	74021	2	1	98	C	
DEC 3,85	1030	1030	2	52.0	3	74057	2	1	37		N
	JAN 2,85 JAN 30,85 MAR 5,85 MAR 26,85 APR 23,85 MAY 21,85 JUN 18,85 JUN 18,85 AUG 13,85 SEP 10,85 OCT 8,85 NOV 5,85	HR. JAN 2,85 1100 JAN 30,85 1100 MAR 5,85 1000 MAR 26,85 1015 APR 23,85 1100 MAY 21,85 1000 JUN 18,85 1300 JUL 16,85 1200 AUG 13,85 1300 SEP 10,85 1000 OCT 8,85 1200 NOV 5,85 1200	HR. HR. 03- JAN 2,85 1100 1100 JAN 30,85 1100 1000 MAR 5,85 1000 1015 MAR 26,85 1015 1100 APR 23,85 1100 930 MAY 21,85 1300 1200 JUN 18,85 1300 1200 JUL 16,85 1200 1300 AUG 13,85 1300 900 SEP 10,85 1000 1200 OCT 8,85 1200 1200 NOV 5,85 1200 1000	HR. HR. 01-RAIN 02-SNOW 03-COMP/04-OTH JAN 2,85 1100 1100 2 JAN 30,85 1100 1000 3 MAR 5,85 1000 1015 3 MAR 26,85 1015 1100 # APR 23,85 1100 930 1 MAY 21,85 1000 1300 1 JUN 18,85 1300 1200 1 JUL 16,85 1200 1300 1 SEP 10,85 1000 1200 1 SEP 10,85 1000 1200 1 OCT 8,85 1200 1200 1 NOV 5,85 1200 1000 3	HR. HR. 01-RAIN 02-SNOW 03-COMP/04-OTHER JAN 2,85 1100 1100 2 25.0 JAN 30,85 1100 1000 3 156.0 MAR 5,85 1000 1015 3 13.0 MAR 26,85 1015 1100 # ##### APR 23,85 1100 930 1 32.0 MAY 21,85 1000 1300 1 21.0 JUN 18,85 1300 1200 1 41.0 JUL 16,85 1200 1300 1 20.4 AUG 13,85 1300 900 1 135.0 SEP 10,85 1000 1200 1 22.0 OCT 8,85 1200 1200 1 103.0 NOV 5,85 1200 1000 3 83.0	HR. HR. 01-RAIN 02,03-APIOS 09-AES 03-COMP/04-OTHER 02-SNOW 09-AES 09-AES JAN 2,85 1100 1100 2 25.0 2 JAN 30,85 1100 1000 3 156.0 2 MAR 5,85 1000 1015 3 13.0 2 MAR 26,85 1015 1100 # ##### # APR 23,85 1100 930 1 32.0 3 MAY 21,85 1000 1300 1 21.0 3 JUN 18,85 1300 1200 1 41.0 1 JUL 16,85 1200 1300 1 20.4 1 AUG 13,85 1300 900 1 135.0 3 SEP 10,85 1000 1200 1 22.0 3 OCT 8,85 1200 1200 1 103.0 3 NOV 5,85 1200 1000 3 83.0 3	HR. HR. 01-RAIN 02,03-APIOS 09-AES 03-COMP/04-OTHER 02-SNOW 03-COMP/04-OTHER 09-AES JAN 2,85 1100 1100 2 25.0 2 19765 JAN 30,85 1100 1000 3 156.0 2 19785 MAR 5,85 1000 1015 3 13.0 2 19809 MAR 26,85 1015 1100 # ###### # 19840 APR 23,85 1100 930 1 32.0 3 19852 MAY 21,85 1000 1300 1 21.0 3 19888 JUN 18,85 1300 1200 1 41.0 1 19912 JUL 16,85 1200 1300 1 20.4 1 19933 AUG 13,85 1300 900 1 135.0 3 19955 SEP 10,85 1000 1200 1 22.0 3 19977 OCT 8,85 1200 1200 1 103.0 3 19987 NOV 5,85 1200 1000 3 83.0 3 74021	HR. HR. 01-RAIN 02,03-APIOS 03-SPECIAL 03-COMP/04-OTHER 03-COMP/04-OTHER 03-SPECIAL 03-S	HR. HR. 01-RAIN 02,03-APIOS 03-SPECIAL 03-AES 03	HR. HR. 01-RAIN 02-03-APIOS 02-APIOS 03-SPECIAL 03-AES (%) 03-COMP/04-OTHER JAN 2,85 1100 1100 2 25.0 2 19765 2 1 64 JAN 30,85 1100 1000 3 156.0 2 19785 2 1 55 MAR 5,85 1000 1015 3 13.0 2 19809 2 1 96 MAR 26,85 1015 1100 # MHHHH # 19840 2 1 ### APR 23,85 1100 930 1 32.0 3 19852 2 1 66 MAY 21,85 1000 1300 1 21.0 3 19888 2 1 284 JUN 18,85 1300 1200 1 41.0 1 19912 2 1 104 JUL 16,85 1200 1300 1 20.4 1 19933 2 1 61 AUG 13,85 1300 900 1 135.0 3 19955 2 1 97 SEP 10,85 1000 1200 1 22.0 3 19977 2 1 111 OCT 8,85 1200 1200 1 103.0 3 19987 2 1 101 NOV 5,85 1200 1000 3 83.0 3 74021 2 1 98	HR. HR. 01-RAIN 02-03-APIOS 03-SPECIAL 03-AES (%) 02-SNOW 03-COMP/04-OTHER JAN 2,85 1100 1100 2 25.0 2 19765 2 1 64 JAN 30,85 1100 1000 3 156.0 2 19785 2 1 55 MAR 5,85 1000 1015 3 13.0 2 19809 2 1 96 9 MAR 26,85 1015 1100 # ********************************

REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.	PH Lab	TOTAL H+ Gran	SULPHATE	NITRATE AS N	CALCIUM
		ML	UMHO/CM		MG/L	MG/L	MG/L	MG/L
JAN 30,85	JAN 2,85	522.0	20.1	4.45	0.0611	1.70	0.57	0.29
MAR 5,85	JAN 30.85	2829.0	32.8	4.25	0.0837	2.55	0.55	****
MAR 26,85	MAR 5,85	406.0	44.0	4.22	0.0913	4.40	1.12	0.79
APR 23,85	MAR 26.85	****	****	****	****	****	****	90 10 10 10 10
MAY 21,85	APR 23,85	690.0	43.4	UG 4.81	LG 0.0425	8.25	UG 1.33	2.08
JUN 18,85	MAY 21,85	1941.0	28.4	UG 4.90	LG 0.0368	4.85	D 0.83	D 1.09
JUL 16,85	JUN 18.85	1395.0	49.7	4.15	0.1030	6.10	0.87	0.94
AUG 13,85	JUL 16,85	405.0	51.0	4.22	0.1020	7.40	1.00	1.17
SEP 10,85	AUG 13,85	4290.0	45.1	4.08	0.1110	4.25	0.70	0.26
OCT 8,85	SEP 10,85	793.0	39.9	4.23	0.0888	4.80	0.70	0.68
NOV 5,85	OCT 8,85	3400.0	27.1	4.35	0.0663	2.70	0.41	0.20
DEC 3,85	NOV 5,85	2643.0	23.5	4.48	0.0670	2.50	0.44	D 0.52
DEC 31,85	DEC 3,85	640.0	42.9	4.19	0.1080	3.15	1.18	0.43

NOV 5,85 OCT 8,85	STAT	ON NAME ! HUR	ON PARK/CUMULA	TIVE PRECIP.	#06			PAGE 1 2	
MG/L		The country of the co	CHLORIDE		MAGNESIM	POTASSIM	SODIUM	***************************************	PHOSPHOR
MAR 5,85 JAN 30,85 0.31 0.40			MG/L	MG/L	MG/L	MG/L	MG/L		MG/L
MAR 26,85 MAR 5,85 0.34 1.15 0.115 <t 0.000="" 0.0005="" 0.001="" 0.003="" 0.004="" 0.005="" 0.006="" 0.007="" 0.00<="" 0.011="" 0.014="" 0.015="" 0.016="" 0.017="" 0.02="" 0.020="" 0.022="" 0.030="" 0.035="" 0.038="" 0.055="" 0.060="" 0.062="" 0.066="" 0.08="" 0.080="" 0.085="" 0.100="" 0.112="" 0.120="" 0.130="" 0.160="" 0.18="" 0.185="" 0.190="" 0.23="" 0.25="" 0.315="" 0.33="" 0.38="" 0.42="" 0.65="" 0.665="" 0.68="" 0.77="" 0.80="" 0.830="" 0.900="" 1.150="" 1.200="" 1.26="" 1.35="" 1.950="" 1.96="" 10,85="" 13,85="" 18,85="" 2,85="" 21,85="" 23,85="" 24,85="" 25,85="" 26,85="" 28,85="" 3,85="" 31,85="" 35,85="" 5,85="" 8,85="" <0.0004="" <0.0005="" <0.002="" <t="" apr="" aug="" bec="" boy="" d="" dcc="" dct="" dec="" epi="" jan="" jul="" jun="" mar="" td="" ug=""><td></td><td></td><td>0.32</td><td>0.40</td><td>0.040</td><td>0.025</td><td>0.120</td><td>0.310</td><td>0.020</td></t>			0.32	0.40	0.040	0.025	0.120	0.310	0.020
APR 25,85 MAR 26,85 MANNAM MAN			0.31	0.40	张妆妆妆	****	被被被被	0.345	0.006
MAY 21.85 APR 23.85	MAR 26,85	MAR 5,85	0.34	1.15	0.115	<t 0.100<="" td=""><td>0.120</td><td>0.900</td><td>0.017</td></t>	0.120	0.900	0.017
JUN 18,85 MAY 21,85	APR 23,85	MAR 26,85	****	***	****	***	養養養養養	****	44 H H H
JUN 18,85 MAY 21,85	MAY 21,85	APR 23,85	0.33	UG 1.96	0.315	0.080	0.080	UG 1.950	0.022
JUL 16,85 JUL 16,85 JUL 16,85 0.23 0.80 0.160 0.080 0.055 0.830 <7 0.003 AUG 13,85 JUL 16,85 0.25 1.26 0.185 <7 0.020 0.050 1.200 0.007 SEP 10,85 AUG 13,85 0.21 0.54 0.040 0.020 0.035 0.480 0.008 OCT 8,85 SEP 10,85 0.20 0.65 0.115 0.065 0.060 0.615 0.012 NOV 5,85 OCT 8,85 0.08 0.38 0.38 0.035 <7 0.015 0.030 0.320 0.012 DEC 3,85 NOV 5,85 0.12 0.68 0.080 0.035 0.060 0.250 D 0.051 DEC 31,85 DEC 3,85 0.45 0.77 0.085 0.080 0.035 0.060 0.250 D 0.051 DEC 31,85 DEC 3,85 0.045 0.77 0.085 0.030 0.130 0.665 <7 0.003 REMOVAL DATE HG/L HG/L HG/L HG/L HG/L HG/L HG/L HG/L	JUN 18,85	MAY 21,85	0.18	1.35	D 0.190	0.060			
AUG 13,85 JUL 16,85 0.25 1.26 0.185 <t 0.007="" 0.008="" 0.009="" 0.020="" 0.035="" 0.040="" 0.050="" 0.0<="" 0.21="" 0.54="" 0.880="" 1.200="" 10,85="" 13,85="" aug="" sep="" td=""><td>JUL 16,85</td><td>JUN 18,85</td><td>0.23</td><td>0.80</td><td>0.160</td><td>0.080</td><td></td><td></td><td></td></t>	JUL 16,85	JUN 18,85	0.23	0.80	0.160	0.080			
SEP 10,85 AUG 13,85	AUG 13,85	JUL 16,85	0.25	1.26					
OCT 8,85 SEP 10,85	SEP 10,85	AUG 13,85	0.21						
NOV 5,85 OCT 8,85 O.08	OCT 8,85	SEP 10,85	0.20						
DEC 3,85	NOV 5,85	OCT 8,85	0.08	0.38					12 NO. 15 TO 15
REMOVAL EXPOSURE MANGANSE NICKEL ZINC IRON LEAD VANADIUM ALUMINUM DATE DATE MG/L	DEC 3,85	NOV 5,85	0.12					The second second	
REMOVAL EXPOSURE DATE MG/L M	DEC 31,85	DEC 3,85	0.45						
MG/L MG/L <th< th=""><th></th><th></th><th>MANGANSE</th><th>NICKEL</th><th>ZINC</th><th>IRON</th><th>LEAD</th><th>VANADIUM</th><th>ALUNINUN</th></th<>			MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUNINUN
MAR 5,85 JAN 30,85	DATE	DATE	MG/L	HG/L	MG/L	MG/L	MG/L	MG/L	MG/L
MAR 5,85 JAN 30,85 0.001 < 0.0002 0.004 0.015 0.007 < 0.0004 0.020 MAR 26,85 MAR 5,85 0.006 0.0005 0.017 0.097 0.017 0.0005 0.112 APR 23,85 MAR 26,85 ******	JAN 30,85	JAN 2,85	0.002	0.0003	0.011	0.066	0.017	0.0005	0.062
MAR 26,85 MAR 5,85 0.006 0.0005 0.017 0.007 0.017 0.0005 0.112 APR 23,85 MAR 26,85 ****** ***** ***** ***** ***** ***** ****	MAR 5,85	JAN 30,85	0.001	< 0.0002	0.004	0.015	0.007		
APR 23,85 MAR 26,85 ***** ***** ***** ***** ***** ***** ****	MAR 26,85	MAR 5,85	0.006	0.0005	0.017	0.097			THE COLUMN THE T
MAY 21,85 APR 23,85 0.007 0.0017 0.008 0.103 0.005 < 0.0004	APR 23,85	MAR 26,85	****	****	****	***			
JUN 18,85 MAY 21,85 B 0.015 D 0.0004 0.009 B 0.303 D 0.012 D 0.0008 U 0.258 JUL 16,85 JUN 18,85 UG 0.010 0.0008 0.009 0.131 D 0.014 < 0.0004	MAY 21,85	APR 23,85	0.007	0.0017	0.008	0.103			
JUL 16,85 JUN 18,85 UG 0.010 0.0008 0.009 0.131 D 0.014 < 0.0004	JUN 18,85	MAY 21,85	B 0.015	D 0.0004			The second second second second		
AUG 13,85 JUL 16,85 0.006 0.0004 0.008 0.063 0.007 D 0.0006 0.100 SEP 10,85 AUG 13,85 D 0.008 D 0.0026 D 0.020 U 0.353 0.010 0.0014 U 0.292 OCT 8,85 SEP 10,85 0.005 0.0005 0.021 0.063 0.008 < 0.0004 0.061 NOV 5,85 OCT 8,85 0.001 0.0002 0.004 0.024 0.007 < 0.0004 0.023 DEC 3,85 NOV 5,85 D 0.012 0.0013 0.015 U 0.539 0.005 D 0.0015 U 0.655	JUL 16,85	JUN 18,85	UG 0.010						
SEP 10,85 AUG 13,85 D 0.008 D 0.0026 D 0.020 U 0.353 0.010 0.0014 U 0.292 OCT 8,85 SEP 10,85 0.005 0.0005 0.021 0.063 0.008 < 0.0004		JUL 16,85	0.006	A CONTRACTOR OF THE PROPERTY O					
OCT 8,85 SEP 10,85	SEP 10,85								
NOV 5,85 OCT 8,85 0.001 0.0002 0.004 0.024 0.007 < 0.0004 0.023 DEC 3,85 NOV 5,85 D 0.012 0.0013 0.015 U 0.539 0.005 D 0.0015 U 0.655	OCT 8,85			- The State of the					
DEC 3,85 NOV 5,85 D 0.012 0.0013 0.015 U 0.539 0.005 D 0.0015 U 0.655						100000000000000000000000000000000000000			
DEC 21 AP DEC 21								10 P. D.	
	DEC 31,85	DEC 3,85							

~

œ

STAT	ION NAME : HURON	PARK/CUMULATIVE	PRECIP.	#06
REMOVAL DATE	EXPOSURE DATE	COPPER	CADMIUM	FREE H+
		MG/L	MG/L	MG/L
JAN 30,85	JAN 2,85	0.0017	0.00008	0.0355
MAR 5,85	JAN 30,85	0.0002	0.00005	0.0562
MAR 26,85	MAR 5,85	0.0040	0.00019	0.0603
APR 23,85		***	****	****
MAY 21,85	APR 23,85	0.0007	0.00030	LG 0.0155
JUN 18,85	MAY 21,85	0.0021	0.00012	LG 0.0126
JUL 16,85	JUN 18,85	0.0029	0.00004	0.0708
AUG 13,85	JUL 16,85	0.0027	0.00006	0.0603
SEP 10,85	AUG 13,85	0.0022	0.00014	0.0832
OCT 8,85		0.0013	0.00006	0.0589
NOV 5,85		< 0.0003	0.00004	25 (27 (27 (27 (27 (27 (27 (27 (27 (27 (27
DEC 3,85	NOV 5,85	0.0016	0.00017	0.0447
DEC 31,85	DEC 3,85	0.0016	건 이 관계 및 공기	0.0331
32,03	520 3,03	0.0016	0.00018	0.0646

PAGE 1 3

9

STATION NAME : MERLIN/CUMULATIVE PRECIP. \$02 PAGE : 1 REMOVAL **EXPOSURE** SAMPLING SAMPLE GAUGE GAUGE SAMPLE PROJECT SUBPROJECT SAMPLER COMMENTS DATE DATE START END TYPE DEPTH(MM) TYPE NUMBER CODE CODE EFFICI-FIELD OFFICE HR. HR. 01-RAIN 02,03-APIOS 02-APIOS 01-HOE ENCY 02-SNOW 09-AES 03-SPECIAL 03-AES (X) 03-COMP/04-OTHER JAN 29,85 JAN 2,85 900 700 2 **** 19756 2 1 *** CØ FEB 26,85 JAN 29,85 HM 700 900 3 104.0 19794 2 1 MAR 26,85 FEB 26,85 76 900 700 3 68.0 2 19810 2 1 71 APR 23,85 MAR 26,85 700 700 1 88.0 2 19832 2 1 79 MAY 21,85 APR 23,85 700 700 36.0 3 19845 2 1 88 AC JUN 18,85 MAY 21,85 700 700 1 75.0 3 19880 2 87 A JUL 17,85 JUN 18,85 700 1500 105.0 3 19902 2 88 AUG 13,85 JUL 17,85 1500 700 40.0 19926 2 1 84 SEP 10,85 AUG 13,85 AC 700 800 1 148.0 3 19948 2 84 A OCT 8,85 SEP 10,85 800 700 1 16.0 3 19970 2 1 65 NOV 5,85 OCT 8,85 700 700 1 153.0 3 19980 2 1 88 DEC 3,85 NOV 5,85 700 700 3 149.0 3 74014 2 54 CD DEC 31,85 DEC 3,85 700 700 2 25.0 3 74050 1 89 REMOVAL **EXPOSURE** VOLUME CONDUCT. PH TOTAL H+ SULPHATE NITRATE DATE CALCIUM DATE LAB GRAN AS N ML UMHO/CM MG/L MG/L MG/L MG/L JAN 29,85 JAN 2,85 355.0 U 60.2 U 7.34 U 0.0199 5.65 1.19 U 6.80 FEB 26,85 JAN 29,85 2569.0 38.8 4.15 0.1000 2.60 0.62 *** MAR 26,85 FEB 26,85 1568.0 41.8 4.20 0.0916 4.55 APR 23,85 MAR 26,85 0.75 0.82 2272.0 23.9 4.55 0.0561 3.15 0.47 0.67 MAY 21,85 APR 23,85 1029.0 41.0 4.20 0.0890 5.25 0.74 JUN 18,85 MAY 21,85 0.78 2138.0 37.0 4.22 0.0868 4.35 JUL 17,85 JUN 18,85 0.67 0.42 3006.0 26.8 4.38 0.0663 2.80 AUG 13,85 JUL 17,85 0.46 0.42 1102.0 37.3 4.25 0.0892 4.75 0.42 SEP 10,85 AUG 13,85 0.52 4070.0 46.8 4.05 0.1240 4.90 0.61 OCT 8,85 SEP 10,85 0.24 340.0 40.6 4.23 0.0922 5.95 0.77 NOV 5,85 OCT 8,85 1.06 4404.0 28.5 4.21 0.0798 2.65 0.34 DEC 3,85 NOV 5,85 0.10 2629.0 30.9 4.24 0.0894 2.75 DEC 31,85 DEC 3,85 0.37 0.15

726.0

43.2

B 4.91

0.0423

3.75

1.07

D 1.84

0

	STAT	ION NAME : ME	RLIN/CUMULATIVE F	PRECIP.	\$ 02			PAGE : 2	
R	EMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	PHOSPHOR
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
	N 29,85		U 3.30	****	U 1.100	U 0.315	U 1.700	0.275	96 HE 00 90 HE
	B 26,85		0.46	0.26	****	***	****	0.170	0.012
	R 26,85		0.29	0.69	0.125	<t 0.015<="" td=""><td>0.115</td><td>0.470</td><td>0.013</td></t>	0.115	0.470	0.013
	R 23,85		0.19	0.56	0.080	0.060	0.115	0.485	<t 0.006<="" td=""></t>
	Y 21,85		0.15	0.92	0.165	0.060	0.040	0.745	0.019
	N 18,85	Control of the contro	0.14	0.72	0.065	0.050	0.040	0.625	<t 0.005<="" td=""></t>
	L 17,85	JUN 18,85	0.11	0.38	0.085	0.065	0.020	0.330	0.007
	G 13,85	JUL 17,85	0.16	0.61	0.085	0.225	0.025	0.475	0.017
	P 10,85	AUG 13,85	0.18	0.50	0.040	0.025	0.060	0.470	0.008
OC.		SEP 10,85	0.29	0.72	0.240	0.145	0.100	0.635	0.014
NO		OCT 8,85	0.08	0.20	0.020	<t 0.015<="" td=""><td>0.035</td><td>0.185</td><td><t 0.001<="" td=""></t></td></t>	0.035	0.185	<t 0.001<="" td=""></t>
DE	C 3,85	NOV 5,85	0.15	0.28	0.030	<t 0.015<="" td=""><td>0.060</td><td>0.170</td><td>0.010</td></t>	0.060	0.170	0.010
DE	C 31,85	DEC 3,85	B 5.05	0.48	D 0.350	D 0.075	B 3.350	0.270	0.024
									· ·
RI	DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
	29,85	JAN 2,85	U 0.040	U 0.0040	0.035	U 2.852	0.021	0.0004	U 2.456
	26,85	JAN 29,85	0.001	0.0003	0.005	0.016	0.006	< 0.0004	0.025
	26,85	FEB 26,85	0.005	0.0002	0.011	0.096	0.009	0.0004	0.076
	23,85	MAR 26,85	0.006	0.0004	0.006	U 0.813	0.003	0.0004	U 0.953
	21,85	APR 23,85	UG 0.009	0.0008	0.009	UG 0.225	0.009	0.0004	0.228
	18,85	MAY 21,85	0.006	< 0.0002	0.004	0.052	0.002	< 0.0004	0.058
JUL	. 17,85	JUN 18,85	0.003	D 0.0024	0.008	0.047	0.009	< 0.0004	0.035
	13,85	JUL 17,85	0.002	< 0.0002	0.007	0.027	0.003	< 0.0004	0.030
SEP	10,85	AUG 13,85	0.002	0.0011	0.005	0.029	0.007	< 0.0004	0.039
OCT		SEP 10,85	0.006	0.0004	0.018	0.160	0.005	< 0.0004	0.128
NOV		OCT 8,85	< 0.001	0.0003	0.001	0.010	0.004	< 0.0004	0.009
DEC		NOV 5,85	0.001	0.0002	0.003	0.025	0.001	< 0.0004	0.030
DEC	31,85	DEC 3,85	0.011	0.0012	0.021	D 0.356	0.007	< 0.0004	B 0.342

grand to the state of the state

STAT	ION NAME : MER	LIN/CUMULATIVE	PRECIP.	#02	
REMOVAL DATE	EXPOSURE DATE	COPPER	CADMIUM	FREE H+	
		MG/L	MG/L	MG/L	
JAN 29,85	JAN 2,85	D 0.0096	0.00043	U 0.0000	A1
FEB 26,85	JAN 29,85	< 0.0003	0.00005	0.0708	
MAR 26,85	FEB 26,85	0.0011	0.00014	0.0631	
APR 23,85	MAR 26,85	0.0010	0.00012	0.0282	
MAY 21,85	APR 23,85	0.0021	0.00006	0.0631	
JUN 18,85	MAY 21,85	0.0003	0.00006	0.0603	
JUL 17,85	JUN 18,85	0.0012	0.00008	0.0417	
AUG 13,85	JUL 17,85	0.0005	< 0.00002	0.0562	
SEP 10,85	AUG 13,85	0.0006	0.00009	0.0891	
OCT 8,85	SEP 10,85	0.0021	0.00006	0.0589	
NOV 5,85	OCT 8,85	0.0003	0.00004	0.0617	
DEC 3,85	NOV 5,85	0.0006	0.00006	0.0575	<u> </u>
DEC 31,85	DEC 3,85	0.0023	0.00022	B 0.0123	2 8

7.7

3

STATION NAME : PALMERSTON/CUMULATIVE PRECIP. #08 PAGE 1 1 REMOVAL **EXPOSURE** SAMPLING SAMPLE GAUGE GAUGE SAMPLE PROJECT SUBPROJECT DATE SAMPLER COMMENTS DATE START END TYPE DEPTH(MM) TYPE NUMBER CODE CODE EFFICI-FIELD OFFICE HR. HR. 01-RAIN 02,03-APIOS 02-APIOS 01-MOE ENCY 02-SNOW 09-AES 03-SPECIAL 03-AES (X) 03-COMP/04-OTHER JAN 29,85 DEC 31,84 1300 1300 52.0 19763 2 76 FEB 26,85 JAN 29,85 1300 1300 101.0 2 19796 2 58 MAR 26,85 FEB 26,85 1300 1130 71.0 2 19818 2 34 APR 23,85 MAR 26,85 1300 1300 90.0 2 19839 2 72 MAY 22,85 APR 23,85 1300 930 45.0 19851 2 97 CD JUN 18,85 MAY 22,85 930 930 110.0 3 19886 2 83 AC JUL 16,85 JUN 18,85 930 1300 85.0 3 19908 2 91 AUG 13,85 JUL 16,85 1300 1300 15.0 3 19932 2 51 SEP 10,85 AUG 13,85 1300 1100 225.0 3 19954 2 65 OCT 8,85 SEP 10,85 1300 1300 55.0 3 19976 2 98 NOV 5,85 OCT 8,85 1300 1300 1 95.0 3 19986 2 U 88 1 DEC 4,85 NOV 5,85 1300 1300 67.0 3 74020 2 17 DEC 31,85 DEC 4,85 1300 1300 2 23.0 74056 2 1 62 w REHOVAL **EXPOSURE** VOLUME CONDUCT. PH TOTAL H+ SULPHATE NITRATE CALCIUM DATE DATE LAB GRAN AS N ML UMHO/CM MG/L MG/L MG/L MG/L JAN 29,85 DEC 31,84 1300.0 LG 10.0 4.84 0.0377 LG 1.10 0.28 0.18 FEB 26,85 JAN 29,85 1909.0 27.6 4.32 0.0707 2.00 LG 0.08 0.50 MAR 26,85 FEB 26,85 794.0 23.9 D 4.58 0.0551 2.90 0.60 APR 23,85 MAR 26,85 0.68 2112.0 21.3 4.63 0.0535 2.65 0.45 0.52 MAY 22,85 APR 23.85 1424.0 27.4 UG 4.62 LG 0.0473 4.60 0.63 0.69 JUN 18,85 MAY 22,85 2965.0 20.2 B 5.77 LG 0.0243 3.90 0.53 0.49 JUL 16,85 JUN 18,85 2530.0 21.1 4.54 LG 0.0521 2.55 0.35 0.34 AUG 13,85 JUL 16,85 250.0 49.2 4.18 0.1100 6.40 0.81 SEP 10,85 AUG 13,85 0.91 4820.0 33.6 4.19 0.0876 3.20 0.45 OCT 8,85 SEP 10,85 0.14 1760.0 28.4 4.36 0.0693 3.30 0.47 0.41 NOV 5,85 OCT 8,85 2721.0 23.6 4.43 0.0614 2.35 0.34 0.12 DEC 4,85 NOV 5,85 370.0 被被被被禁 **** *** *** *** ****

4.09

0.1250

4.60

UG 1.45

0.33

DEC 31,85 DEC 4,85

465.0

54.6

STATI	ION NAME : PAL	.HERSTON/CUMULAT	IVE PRECIP.	#08			PAGE : 2	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	APHONIUM AS N	PHOSPHOR
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 29,85	DEC 31,84	0.13	0.25	0.050	0.060	0.080	0.180	0.014
FEB 26,85	JAN 29,85	0.18	0.37	0.030	0.030	0.085	0.280	0.013
MAR 26,85	FEB 26,85	0.20	0.66	0.155	<t 0.005<="" td=""><td>0.080</td><td>0.465</td><td>0.012</td></t>	0.080	0.465	0.012
APR 23,85	MAR 26,85	0.13	0.58	0.075	0.020	0.065	0.500	0.006
MAY 22,85	APR 23,85	0.11	1.19	0.145	0.040	0.050	1.100	0.008
JUN 18,85	MAY 22,85	0.18	1.34	0.115	U 0.385	0.065	1.150	B 0.100
JUL 16,85	JUN 18,85	0.08	0.40	0.045	0.060	0.030	0.475	<t 0.002<="" td=""></t>
AUG 13,85	JUL 16,85	0.19	0.77	0.195	0.025	0.045	0.685	<t 0.004<="" td=""></t>
SEP 10,85	AUG 13,85	0.08	0.39	0.025	0.020	<t 0.020<="" td=""><td>0.340</td><td>0.007</td></t>	0.340	0.007
OCT 8,85	SEP 10,85	0.11	0.42	0.080	0.055	0.035	0.415	0.006
NOV 5,85	OCT 8,85	0.07	0.36	0.025	0.020	0.025	0.335	0.006
DEC 4,85	NOV 5,85	****	****	****	***	***	***	***
DEC 31,85	DEC 4,85	0.56	D 1.34	0.095	0.045	0.245	D 1.150	0.015
REHOVAL	EXPOSURE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUH	ALUMINUM
DATE	DATE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 29,85	DEC 31,84	0.002	0.0003	0.007	0.037	0.003	< 0.0004	0.038
FEB 26,85	JAN 29,85	0.001	0.0011	0.008	0.016	0.006	< 0.0004	0.021
MAR 26,85	FEB 26,85	0.006	D 0.0011	0.012	0.098	0.013	< 0.0004	0.079
APR 23,85	MAR 26,85	0.004	0.0002	0.006	0.076	0.005	< 0.0004	0.055
MAY 22,85	APR 23,85	UG 0.010	< 0.0002	0.009	0.132	0.007	< 0.0004	0.109
JUN 18,85	MAY 22,85	0.007	< 0.0002	0.005	0.067	0.005	< 0.0004	0.049
JUL 16,85	JUN 18,85	0.003	0.0010	0.007	0.036	0.007	< 0.0004	0.032
AUG 13,85	JUL 16,85	0.005	0.0003	0.010	0.075	0.009	< 0.0004	0.108
SEP 10,85	AUG 13,85	0.001	0.0011	0.004	0.021	0.002	< 0.0004	0.024
OCT 8,85	SEP 10,85	0.005	0.0004	0.020	0.053	0.017	0.0004	0.030
NOV 5,85	OCT 8,85	< 0.001	0.0003	0.001	0.013	0.005	< 0.0004	0.013
DEC 4,85	NOV 5,85	****	新妆妆妆的	00 00 10 00 D0	60 60 60 60 60	60 50 50 50 50	****	雅 雅 雅 华 华
DEC 31,85	DEC 4,85	0.008	0.0010	0.015	0.073	0.009	0.0006	0.102

14

	STATI	ON N	AME :	PALMERSTON/CUMULATIVE	PRECIP.	#08	
10.00	MOVAL Date		POSURE	COPPER	CADMIUM	FREE	H+
				MG/L	MG/L	MG/L	
JAN	29,85	DEC	31,84	0.0010	0.00008	0.014	5
FEB	26,85	JAN	29,85	0.0007	0.00040	0.047	9
MAR	26,85	FEB	26,85	0.0017	0.00030	D 0.026	3
APR	23,85	MAR	26,85	0.0015	0.00008	0.0234	4
MAY	22,85	APR	23,85	0.0010	0.00009	LG 0.024	0
JUN	18,85	MAY	22,85	0.0020	0.00006	B 0.0017	7
JUL	16,85	JUN	18,85	0.0031	0.00003	0.028	8
AUG	13,85	JUL	16,85	0.0034	0.00016	0.066	1
SEP	10,85	AUG	13,85	0.0008	0.00005	0.064	6
OCT	8,85	SEP	10,85	0.0006	0.00042	0.0437	7
NOV	5,85	OCT	8,85	< 0.0003	0.00005	0.037	2
DEC	4,85	NOV	5,85	****	****	****	
DEC	31,85	DEC	4,85	0.0021	0.00031	0.0813	3

3

REMOVAL	EXPOSURE	SAMPL	TNG	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	COMM	ENTS
DATE	DATE	START HR.	END HR.	TYPE 01-RAIN 02-SNOW	DEPTH(MM)	27 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C	NUMBER	CODE 02-APIOS 03-SPECIAL	CODE 01-MOE 03-AES	EFFICI- ENCY (%)	FIELD	OFFICE
			03-	COMP/04-OTH	ER							
JAN 29,85	JAN 2,85	1430	900	2	29.0	2	19757	2	1	43		N
FEB 26,85	JAN 29,85	900	900	3	107.0	2	19793	2	1	80		
MAR 26,85	FEB 26,85	900	930	3	71.0	2	19815	2	1	80		
APR 23,85	MAR 26,85	930	900	3	99.0	3	19833	2	1	87		
MAY 21,85	APR 23,85	900	1330	1	61.0	3	19846	2	1	53	CD	
JUN 18,85	MAY 21,85	1330	900	1	108.0	3	19881	2	1	93		
JUL 16,85	JUN 18,85	900	900	1	68.0	3	19903	2	1	60		
AUG 13,85	JUL 16,85	900	900	1	13.0	3	19927	2	1	85	A	
SEP 10,85	AUG 13,85	900	900	1	220.0	3	19949	2	1	72		
OCT 8,85	SEP 10,85	900	900	1	18.0	3	19971	2	1	90		
NOV 5.85	OCT 8,85	900	930	1	140.0	3	19981	2	1	100		
DEC 3,85	NOV 5,85	930	930	3	105.0	3	74015	2	1	U 83	CG	
DEC 31,85	DEC 3,85	930	930	2	45.0	3	74051	2	1	50		
	*											
REMOVAL	EXPOSURE	,	VOLUME	CONDUC		PH	TOTAL H+ GRAN	SULPHA		RATE IS N	CALCIU	
DATE	DATE					LAB	WC /I	MC/I		IG/I	MG/L	

REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.		PH LAB	TOTAL H+ Gran	s	ULPHATE	N	AS N	c	ALCIUM
		ML	UMHO/CM			MG/L		MG/L		MG/L		MG/L
JAN 29,85	JAN 2,85	405.0	19.5	U	6.48	U 0.0196		2.70		0.81	U	1.98
FEB 26,85	JAN 29,85	2785.0	39.2		4.14	0.1040		2.85		0.63		***
MAR 26,85	FEB 26,85	1847.0	40.2		4.16	0.0960		3.90		0.69		0.38
APR 23,85	MAR 26,85	2819.0	27.3		4.48	0.0588		3.50		0.53		0.61
MAY 21,85	APR 23,85	1067.0	46.1		4.18	0.0970		5.85	UG	1.03		0.93
JUN 18,85	MAY 21.85	3287.0	38.1		4.19	0.0948		4.25		0.56		0.27
	JUN 18,85	1346.0	29.6		4.37	0.0686		3.45		0.52		0.50
JUL 16,85	JUL 16,85	361.0	75.1		3.90	0.1840	UG	8.30	UG	0.98		0.63
AUG 13,85		5180.0	46.7		4.04	0.1210		4.25		0.57		0.19
SEP 10,85	AUG 13,85	75.000.00		UG	4.86	0.0396		6.40		0.86	UG	2.12
OCT 8,85	SEP 10,85	528.0	32.0	UG				A STATE OF THE STA			-	0.20
NOV 5,85	OCT 8,85	4568.0	24.7		4.24	0.0789		2.70		0.43		
DEC 3,85	NOV 5,85	2852.0	31.1		4.26	0.0885		2.70		0.47		0.16
DEC 31,85	DEC 3,85	735.0	38.3		4.37	0.0835		3.80		1.14		1.19

STATI	ON NAME : PO	RT STANLEY/CUMU	LATIVE PRECIP.	#03			PAGE 1 2	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	PHOSPHOR
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 29,85	JAN 2,85	0.51	0.61	0.400	0.105	0.180	0.175	0.123
FEB 26,85	JAN 29,85	0.39	0.33	****	***	***	0.240	0.006
MAR 26,85	FEB 26,85	0.19	0.65	0.065	<w 0.005<="" th=""><th>0.060</th><th>0.490</th><th>0.007</th></w>	0.060	0.490	0.007
APR 23,85	MAR 26,85	0.16	0.72	0.065	0.035	0.080	0.610	0.010
MAY 21,85	APR 23,85	0.18	UG 1.34	0.175	0.100	0.055	1.100	0.046
JUN 18,85	MAY 21,85	0.14	0.59	0.045	0.040	0.050	0.475	<₹ 0.003
JUL 16,85	JUN 18,85	0.11	0.44	0.095	0.075	0.030	0.480	0.010
AUG 13,85	JUL 16,85	0.22	0.84	0.105	0.050	0.055	0.760	0.007
SEP 10,85	AUG 13,85	0.11	LG 0.33	0.025	<t 0.010<="" td=""><td>0.025</td><td>0.290</td><td><t 0.004<="" td=""></t></td></t>	0.025	0.290	<t 0.004<="" td=""></t>
OCT 8,85	SEP 10,85	0.27	0.72	UG 0.410	0.100	0.090	0.630	0.034
NOV 5,85	OCT 8,85	0.10	0.15	0.040	<t 0.015<="" td=""><td>0.040</td><td>0.145</td><td><w 0.001<="" td=""></w></td></t>	0.040	0.145	<w 0.001<="" td=""></w>
DEC 3,85	NOV 5,85	0.15	0.27	0.045	<t 0.015<="" td=""><td>0.050</td><td>0.225</td><td><t 0.001<="" td=""></t></td></t>	0.050	0.225	<t 0.001<="" td=""></t>
DEC 31,85	DEC 3,85	0.45	0.62	0.220	0.060	0.190	0.520	0.007
REMOVAL	EXPOSURE	MANGANSE	NICKEL	ZINC				•
DATE	DATE				IRON	LEAD	VANADIUM	ALUNINUM
Design November	Service and Miles	MG/L	MG/L	MG/L	MG/L	MG/L	HG/L	MG/L
JAN 29,85	JAN 2,85	UG 0.030	0.0018	0.010	UG 0.886	0.019	0.0014	UG 0.892
FEB 26,85	JAN 29,85	0.002	< 0.0002	0.004	0.020	0.006	< 0.0004	0.034
MAR 26,85	FEB 26,85	0.005	0.0006	0.009	0.117	0.015	0.0004	0.087
APR 23,85	MAR 26,85	0.006	0.0006	0.007	0.075	0.003	< 0.0004	0.089
MAY 21,85	APR 23,85	UG 0.016	0.0009	0.014	UG 0.269	0.011	0.0006	UG 0.278
JUN 18,85	MAY 21,85	0.004	< 0.0002	0.004	0.025	0.002	< 0.0004	0.023
JUL 16,85	JUN 18,85	0.007	0.0021	0.019	0.106	0.019	< 0.0004	0.103
AUG 13,85	JUL 16,85	0.005	0.0002	0.022	0.062	0.007	< 0.0004	0.108
SEP 10,85	AUG 13,85	0.001	0.0012	0.004	0.016	0.003	< 0.0004	0.023
OCT 8,85	SEP 10,85	UG 0.014	0.0013	0.008	0.140	0.005	< 0.0004	0.141
NOV 5,85	OCT 8,85	0.001	0.0002	0.001	0.015	0.004	< 0.0004	0.030
DEC 3,85	NOV 5,85	0.002	< 0.0002	0.005	0.018	0.001	< 0.0004	0.027
DEC 31,85	DEC 3,85	0.010	0.0006	0.021	0.143	0.007	< 0.0004	0.140

REHOVAL	EXPOSURE	T STANLEY/CUMUL		#03
DATE	DATE	COPPER	CADMIUM	FREE H+
		MG/L	MG/L	MG/L
JAN 29,85		0.0025	0.00015	U 0.0003
FEB 26,85		0.0003	0.00006	0.0724
MAR 26,85		0.0015	0.00012	0.0692
APR 23,85		0.0006	0.00011	0.0331
MAY 21,85		0.0043	0.00014	0.0661
JUN 18,85	MAY 21,85	0.0019	0.00006	0.0646
JUL 16,85	JUN 18,85	0.0033	0.00003	0.0427
AUG 13,85	JUL 16,85	0.0034	0.00006	0.1259
SEP 10,85	AUG 13,85	0.0007	0.00006	0.0912
OCT 8,85	SEP 10,85	0.0027	0.00010	LG 0.0138
NOV 5,85	OCT 8,85	< 0.0002	0.00003	0.0575
DEC 3,85	NOV 5,85	0.0005	0.00006	0.0550
DEC 31,85	DEC 3,85	0.0027	0.00035	0.0330

Ta

PAGE : 3

.

STATION NAME : SHALLOW LAKE/CUMULATIVE PRECIP. 209 PAGE : 1 REMOVAL **EXPOSURE** SAMPLING SAMPLE GAUGE GAUGE SAMPLE **PROJECT** SUBPROJECT SAMPLER DATE DATE START END COMMENTS DEPTH(MM) TYPE TYPE NUMBER CODE CODE EFFICI-FIELD OFFICE HR. HR. 01-RAIN 02,03-APIOS 02-APIOS 01-HOE ENCY 02-SNOW 09-AES 03-SPECIAL 03-AES (X)03-COMP/04-OTHER JAN 29,85 JAN 2,85 730 915 68.0 19762 2 1 u 4 FEB 26,85 JAN 29,85 e 915 800 1 110.0 2 19789 2 70 HAR 26,85 FEB 26,85 800 830 3 89.0 2 19817 2 1 APR 23,85 MAR 26,85 41 830 830 108.0 2 19838 2 1 MAY 21,85 APR 23,85 91 830 815 60.0 3 19850 2 1 92 JUN 18,85 MAY 21,85 CD 815 815 1 47.0 3 19885 2 1 JUL 16,85 JUN 18,85 89 815 830 92.0 19907 2 1 U 89 AUG 15,85 JUL 16,85 830 1800 53.0 3 19931 2 1 SEP 10.85 88 A AUG 15,85 1800 700 176.0 3 19953 2 OCT 8,85 SEP 10,85 1 90 700 745 104.0 3 19975 2 1 NOV 5,85 OCT 8,85 39 745 745 1 115.0 3 19985 2 1 DEC 3,85 NOV 5,85 86 730 830 96.0 3 74019 2 1 U 87 DEC 31,85 DEC 3,85 CCOE 830 900 2 58.0 3 74055 2 1 86 REMOVAL **EXPOSURE** VOLUME CONDUCT. PH TOTAL H+ SULPHATE NITRATE DATE CALCIUM DATE LAB GRAN AS N ML UMHO/CM MG/L MG/L MG/L MG/L JAN 29,85 JAN 2,85 105.0 **** **** **** *** **** FEB 26,85 JAN 29,85 **新张张兴奋** 2516.0 28.7 4.26 0.0811 1.70 MAR 26,85 FEB 26,85 0.52 *** 1195.0 43.4 4.16 0.1060 3.95 0.99 APR 23,85 MAR 26,85 0.56 3212.0 26.1 4.52 0.0555 3.30 MAY 21,85 APR 23,85 0.57 0.54 1793.0 31.9 4.39 0.0633 4.30 0.67 JUN 18,85 MAY 21,85 0.73 1363.0 36.0 4.35 0.0749 4.65 0.66 JUL 16,85 JUN 18,85 0.60 2662.0 24.2 4.50 0.0576 2.95 0.41 AUG 15,85 JUL 16,85 0.38 1528.0 44.4 4.19 0.1050 5.00 0.62 SEP 10,85 AUG 15,85 0.54 5150.0 32.2 4.22 0.0835 3.25 OCT 8,85 SEP 10,85 0.39 0.17 1345.0 33.0 4.26 0.0838 3.30 0.54 NOV 5,85 OCT 8,85 0.26 3245.0 23.8 4.35 0.0667 2.20 DEC 3,85 NOV 5,85 0.31 0.15

4.33

被放弃的故事

0.0770

2.00

0.64

0.16

2736.0

1625.0

DEC 31,85 DEC 3,85

28.3

9

	TION NAME : SE	MALLOW LAKE/CUMUL	ATIVE PRECIP.	#09			PAGE : 2	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	APHONIUM	PHOSPHOR
		MG/L	MG/L	MG/L	W0.41	***	AS N	
****			1107 2	HO/ L	MG/L	MG/L	MG/L	MG/L
JAN 29,85		表別者所務	新新新新新	****	新新新新	*****		
FEB 26,85		0.14	0.24	****	****	****	公司报酬	****
MAR 26,85		0.27	0.88	0.070	<₩ 0.005	****	0.160	0.007
APR 23,85		0.13	0.76	0.075	0.035	0.120	D 0.645	0.014
MAY 21,85		0.08	0.91	0.140	0.035	0.070	0.660	0.009
JUN 18,85		0.12	0.83	0.120	0.050	0.025	0.785	0.014
JUL 16,85		0.17	0.60	0.070		0.040	0.715	<t 0.005<="" td=""></t>
AUG 15,85		0.13	0.60	0.095	0.105	D 0.100	0.460	<t 0.003<="" td=""></t>
SEP 10,85		0.07	0.49	0.030	<t 0.020<="" td=""><td><t 0.020<="" td=""><td>0.540</td><td>0.006</td></t></td></t>	<t 0.020<="" td=""><td>0.540</td><td>0.006</td></t>	0.540	0.006
OCT 8,85		0.10	0.43	0.050	<t 0.015<="" td=""><td>0.025</td><td>0.370</td><td>0.007</td></t>	0.025	0.370	0.007
NOV 5,85		<t 0.06<="" td=""><td>0.24</td><td>0.020</td><td>0.040 <t 0.020<="" td=""><td>0.025</td><td>0.415</td><td><t 0.004<="" td=""></t></td></t></td></t>	0.24	0.020	0.040 <t 0.020<="" td=""><td>0.025</td><td>0.415</td><td><t 0.004<="" td=""></t></td></t>	0.025	0.415	<t 0.004<="" td=""></t>
DEC 3,85		张张张张	***	****	******	0.030	0.210	<t 0.003<="" td=""></t>
DEC 31,85	DEC 3,85	0.20	0.36	0.050	<t 0.020<="" td=""><td>***** 0.100</td><td>***** 0.305</td><td>经验收额</td></t>	***** 0.100	***** 0.305	经验收 额
		¥						<7 0.005
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUHINUM
JAN 29.85	1411 0 00	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
FEB 26,85	JAN 2,85	科英教教教	教授教育教	保持特殊	***	***	****	*********
MAR 26,85	JAN 29,85	< 0.001	< 0.0002	0.003	0.007	0.006	< 0.0004	****
APR 23,85	FEB 26,85	0.008	< 0.0002	0.007	0.089	0.011	D 0.0009	0.013
MAY 21,85	MAR 26,85	0.005	0.0002	0.006	0.069	0.007	< 0.0004	0.101
JUN 18,85	APR 23,85	UG 0.010	0.0012	0.005	0.082	0.006	< 0.0004	0.070
JUL 16,85	MAY 21,85	UG 0.009	< 0.0002	0.004	0.103	0.003	< 0.0004	0.076
AUG 15,85	JUN 18,85	0.004	0.0003	U 0.794	0.030	0.007	< 0.0004	0.103
SEP 10,85	JUL 16,85	0.003	< 0.0002	0.005	0.030	0.002	< 0.0004	0.028
OCT 8,85	AUG 15,85	0.001	0.0012	0.004	0.016	0.005	< 0.0004	0.026
NOV 5,85	SEP 10,85	D 0.002	0.0002	0.003	0.036	0.004	D 0.0005	0.016
DEC 3,85	OCT 8,85	< 0.001	0.0004	0.001	0.010	0.002	< 0.0004	0.031
DEC 31,85	NOV 5,85 DEC 3,85	***	新妆妆妆妆	张米米米	***	***	- 0.0004	0.019
22,03	DEC 3,85	0.001	0.0002	0.005	0.018	0.004	< 0.0004	****
						0.001	4 0.0004	0.027

20

	STATI	ON N	AME : SH	ALLOW	LAKE/CUMUI	LATIV	E PRECIP.	#09	
17.17.4	HOVAL DATE	11.000	POSURE DATE	(COPPER	-	CADMIUM	FREE	H+
					MG/L		MG/L	MG/	L
JAN	29,85	JAN	2,85		****		****	***	**
FEB	26,85	JAN	29,85	<	0.0003	<	0.00004	0.05	50
MAR	26,85	FEB	26,85		0.0011		0.00015	0.06	92
APR	23,85	MAR	26,85		0.0014		0.00009	0.03	- T
MAY	21,85	APR	23,85 .	, <	0.0003		0.00010	0.04	
JUN	18,85	MAY	21,85		0.0016		0.00008	0.04	
JUL	16,85	JUN	18,85		0.0018	U	0.00150	0.03	1000
AUG	15,85	JUL	16,85		0.0006		0.00002	0.06	
SEP	10,85	AUG	15,85		0.0007		0.00006	0.06	200
OCT	8,85	SEP	10,85		0.0007		0.00005	0.05	
NOV	5,85	OCT	8,85		0.0003		0.00003	0.044	
DEC	3,85	NOV	5,85		****		****	***	75.
DEC	31,85	DEC	3,85		0.0012		0.00010	0.046	68

PAGE : 3

PAGE : 1 STATION NAME : WATERLOO/CUMULATIVE PRECIP. #07 SUBPROJECT SAMPLER EXPOSURE SAMPLING
DATE START END SAMPLE PROJECT SAMPLE GAUGE GAUGE REMOVAL EFFICI- FIELD OFFICE CODE CODE NUMBER TYPE DEPTH(MM) TYPE DATE

DATE	DATE	HR.	HR.	01-RAIN 02-SNOW	5 C. 111(1117)	02,03-APIOS 09-AES	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	02-APIOS 03-SPECIAL	01-MOE 03-AES		(X)		
			03	-COMP/04-OTH	ER								
JAN 29,85	JAN 1,85	930	825	2	47.0	2	19764	2	1		78	f	
FEB 26,85	JAN 29,85	825	820	3	134.0	2	19786	2	1		57		
MAR 26,85	FEB 26,85	820	815	3	94.0	2	19812	2	1		27		M
APR 23,85	MAR 26,85	815	830	3	95.0	2	19842	2	1		81		
MAY 21,85	APR 23,85	830	845	1	48.0	2	19853	2	1		55	CD	H
JUN 18,85	MAY 21,85	845	830	ī	76.0	3	19887	2	1		95	AC	
JUL 16,85	JUN 18,85	830	810	ī	135.0	3	19909	2	1	U	16	HQ	
AUG 13,85		810	830	ī	26.0	3	19934	2	1		84	ACBD	
SEP 10,85	AUG 13,85	830	845	ī	189.0	3	19956	2	1		83	AC	
OCT 8,85	SEP 10,85	900	850	ĩ	31.0	3	19978	2	1		83		
NOV 5,85	OCT 8,85	850	830	ī	121.0	3	19988	2	1		72		
DEC 3,85	NOV 5,85	830	900	3	70.0	3	74022	2	1	U	79	G	C
DEC 31,85		900	830	2	59.0	3	74058	2	1		52		
										r.			

COMMENTS

N 2

REMOVAL DATE	EXPOSURE DATE	VOLUME ML		ONDUCT.		PH LAB	TOTAL H+ Gran MG/L	s	MG/L	N	ITRATE AS N MG/L	c	ALCIUM MG/L
JAN 29,85 FEB 26,85	JAN 1,85 JAN 29,85	1192.0 2485.0		18.0 31.8		4.50	0.0607 0.0818	LG	1.55		0.49 0.55 0.72	<₹	0.31 0.04 0.51
MAR 26,85 APR 23,85 MAY 21,85	FEB 26,85 MAR 26,85 APR 23,85	843.0 2518.0 866.0		34.9 25.9 43.0	UG	4.28 4.39 4.91	0.0624 0.0665 0.0411	UG	3.20 2.95 8.95	UG	0.46	UG	0.52
JUN 18,85 JUL 16,85	MAY 21,85 JUN 18,85	2367.0 740.0	LG	29.3 15.0	UG	4.41	0.0648	LG	3.65 2.00	LG	0.55		0.47 0.40 3.25
AUG 13,85 SEP 10,85 OCT 8,85	JUL 16,85 AUG 13,85 SEP 10,85	716.0 5130.0 841.0		44.1 43.5 40.9	UG	6.90 4.07 4.20	0.0284 0.1110 0.0999	UG	10.40 4.15 4.40	LG	0.26 0.50 0.69	A	0.17
NOV 5,85 DEC 3,85 DEC 31,85	OCT 8,85 NOV 5,85 DEC 3,85	2854.0 1810.0 1010.0	LG	27.5 5.2 48.9	Ne	4.31 5.30 4.11	0.0743 LG 0.0255 0.1220	re	2.60 0.35 3.30	<t< td=""><td>0.39 0.05 1.28</td><td>LG</td><td>0.21 0.04 0.34</td></t<>	0.39 0.05 1.28	LG	0.21 0.04 0.34

STAT	ION NAME : WA	TERLOO/CUMULATIV	E PRECIP.	#07			PAGE 1 2	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM	PHOSPHOR
		HG/L	MG/L	MG/L	MG/L	MG/L	AS N MG/L	MG/L
JAN 29,85 FEB 26,85		0.32	0.40	0.055	0.060	0.145	0.220	0.021
MAR 26,85		0.33	0.27	0.030	0.035	0.185	0.230	<t 0.005<="" td=""></t>
APR 23,85		0.25	0.67	0.095	<t 0.005<="" td=""><td>0.110</td><td>0.440</td><td>0.012</td></t>	0.110	0.440	0.012
MAY 21,85		0.22	0.42	0.065	0.020	0.130	0.355	<t 0.005<="" td=""></t>
JUN 18,85		0.36	UG 1.81	UG 0.605	0.110	0.115	UG 1.450	0.037
JUL 16,85		0.12 <t 0.06<="" td=""><td>0.71</td><td>0.085</td><td>0.040</td><td>0.045</td><td>0.645</td><td><t 0.002<="" td=""></t></td></t>	0.71	0.085	0.040	0.045	0.645	<t 0.002<="" td=""></t>
AUG 13,85	JUL 16,85		LG 0.25	0.080	0.025	0.020	LG 0.215	0.006
SEP 10,85	AUG 13,85	0.41	UG 3.27	UG 0.490	A 3.350	0.080	1.100	U 0.510
OCT 8,85	SEP 10,85	0.09	0.40	0.030	<t 0.020<="" td=""><td><t 0.015<="" td=""><td>0.345</td><td></td></t></td></t>	<t 0.015<="" td=""><td>0.345</td><td></td></t>	0.345	
NOV 5,85		0.22	0.64	0.080	0.065	0.065	0.565	0.006
DEC 3,85	OCT 8,85 NOV 5,85	0.11	0.25	0.040	<t 0.015<="" td=""><td>0.030</td><td>0.225</td><td>0.011</td></t>	0.030	0.225	0.011
DEC 31,85		<t 0.03<="" td=""><td>LG 0.08</td><td><t 0.010<="" td=""><td><t 0.010<="" td=""><td>0.020</td><td>LG 0.030</td><td><7 0.002</td></t></td></t></td></t>	LG 0.08	<t 0.010<="" td=""><td><t 0.010<="" td=""><td>0.020</td><td>LG 0.030</td><td><7 0.002</td></t></td></t>	<t 0.010<="" td=""><td>0.020</td><td>LG 0.030</td><td><7 0.002</td></t>	0.020	LG 0.030	<7 0.002
DEC 31,03	DEC 3,85	0.54	0.80	0.080	0.035	0.200	0.655	<t 0.002<br="">0.013</t>
REMOVAL DATE	EXPOSURE Date	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUHINUN
		MG/L	MG/L	MG/L	MG/L	HG/L	HG/L	HG/L
JAN 29,85 FEB 26,85	JAN 1,85	0.007	0.0005	0.007	0.030	0.010	0.0007	
MAR 26,85	JAN 29,85	0.001	0.0002	0.006	0.034	0.009	< 0.0004	0.051
APR 23,85	FEB 26,85	0.010	0.0030	0.026	0.277	0.017	0.0013	0.016
MAY 21,85	MAR 26,85	0.005	0.0002	0.008	0.077	0.008	< 0.0004	0.211
JUN 18,85	APR 23,85	UG 0.021	0.0021	UG 0.033	UG 0.390	UG 0.021	0.0008	0.054
JUL 16,85	MAY 21,85	0.003	< 0.0002	0.006	0.066	0.004	< 0.0004	UG 0.319
AUG 13,85	JUN 18,85	0.004	0.0010	0.009	UG 0.314	0.008	< 0.0004	0.027
SEP 10,85	JUL 16,85	UG 0.020	0.0002	0.013	0.120	0.002	0.0008	0.051
OCT 8,85	AUG 13,85	0.001	0.0016	0.004	0.025	0.008	< 0.0004	0.069
NOV 5,85	SEP 10,85	0.006	0.0006	0.013	0.098	0.008	< 0.0004	0.018
DEC 3,85	OCT 8,85	0.002	< 0.0002	0.003	0.037	0.008	< 0.0004	0.055
DEC 31,85	NOV 5,85 DEC 3,85	< 0.001	0.0004	0.003	0.014	0.004	< 0.0004	0.018
DEC 31,05	DEC 3,85	0.006	0.0006	0.019	0.124	0.009	< 0.0004	0.022
						,	· 0.0004	0.101

	STATI	ON NAME : P	MATERLOO/CUMULATIVE	PRECIP.	#07	PAGE	8	3
	MOVAL Date	EXPOSURE DATE	COPPER	CADMIUM	FREE H+			
•			MG/L	MG/L	MG/L			
JAN	29,85	JAN 1,85	0.0009	0.00016	0.0316			
FEB	26,85	JAN 29,85	< 0.0003	0.00116	0.0562			
MAR	26,85	FEB 26,85	0.0035	0.00227	0.0525			
APR	23,85	MAR 26,85	0.0023	0.00085	0.0407			
MAY	21,85	APR 23,85	0.0037	0.00151	LG 0.0123			
JUN	18,85	MAY 21,85	0.0014	0.00166	0.0389			
JUL	16,85	JUN 18,85	0.0059	U 0.00170	LG 0.0178			
AUG	13,85	JUL 16,85	< 0.0005	UG 0.00119	LG 0.0001			
SEP	10,85	AUG 13,85	0.0005	0.00029	0.0851			
OCT	8,85	SEP 10,85	0.0020	UG 0.00130	0.0631			
NOV	5,85	OCT 8,85	0.0045	0.00079	0.0490			
DEC	and Charles	NOV 5,85	0.0008	0.00009	LG 0.0050			
	31,85	DEC 3,85	0.0018	0.00071	0.0776			

STATION NAME : WILKESPORT/CUMULATIVE PRECIP. PAGE : 1 REMOVAL **EXPOSURE** SAMPLING SAMPLE GAUGE GAUGE SAMPLE **PROJECT** SUBPROJECT SAMPLER COMMENTS DATE DATE START END TYPE DEPTH(MM) TYPE NUMBER CODE CODE EFFICI-FIELD OFFICE HR. HR. 01-RAIN 02,03-APIOS 02-APIOS 01-HOE ENCY 02-SNOW 09-AES 03-SPECIAL 03-AES (X) 03-COMP/04-OTHER JAN 29,85 JAN 2,85 1230 1230 9.4 19759 2 2 1 57 FEB 26,85 JAN 29,85 1230 1230 3 96.0 2 19791 2 1 U 65 MAR 26,85 FEB 26,85 1230 1230 3 110.0 19814 2 1 31 APR 23,85 MAR 26,85 1230 1300 3 76.4 19836 2 1 1 75 MAY 22,85 APR 23,85 1300 1230 1 27.0 3 19848 2 1 U 55 AG JUN 18,85 MAY 22,85 1230 1230 1 81.0 3 19883 2 94 ABC JUL 16,85 JUN 18,85 1230 1300 100.0 3 19905 2 1 84 AC AUG 13,85 JUL 16,85 1300 1130 56.0 3 19929 2 1 64 ABC SEP 10.85 AUG 13,85 1130 1245 1 194.0 3 19951 2 1 U 81 CG OCT 8,85 SEP 10,85 1245 1230 1 35.0 3 19973 2 1 68 A NOV 5,85 OCT 8,85 1230 1300 1 105.0 3 19983 2 1 U 111 CDJ DEC 3,85 NOV 5,85 1300 1250 3 71.0 3 74017 2 1 98 DEC 31,85 DEC 3,85 1300 1000 2 34.0 3 74053 2 1 39 REMOVAL **EXPOSURE** VOLUME CONDUCT. PH TOTAL H+ SULPHATE NITRATE CALCIUM DATE DATE LAB GRAN AS N ML UMHO/CH MG/L MG/L MG/L MG/L JAN 29,85 JAN 2,85 175.0 56.0 4.74 0.0658 6.80 UG 2.02 *** FEB 26,85 JAN 29,85 2040.0 30.4 4.28 0.0811 2.30 0.51 *** MAR 26,85 FEB 26,85 1123.0 35.9 4.23 0.0875 3.50 0.62 0.39 APR 23,85 MAR 26,85 1866.0 25.8 4.50 0.0568 3.25 0.51 0.61 MAY 22,85 APR 23,85 488.0 35.8 U 6.81 U 0.0269 6.85 0.70 1.41 JUN 18,85 MAY 22,85 2498.0 38.7 4.26 0.0845 4.75 0.63 0.33 JUL 16,85 JUN 18,85 2750.0 UG 75.3 3.88 UG 0.1750 7.30 1.00 0.52 AUG 13,85 JUL 16,85 1177.0 *** 4.22 0.0955 **** *** **各种长条件** SEP 10,85 AUG 13,85 5125.0 41.3 4.11 0.1050 4.10 0.53 0.27 OCT 8,85 SEP 10.85 783.0 34.6 4.32 0.0791 4.55 0.57 0.87 NOV 5,85 OCT 8,85 3801.0 22.9 4.48 0.0572 2.75 0.37 0.27 DEC 3,85 NOV 5,85 2280.0 33.7 4.21 0.0921 2.85 0.50 0.17 DEC 31,85 DEC 3,85

4.09

0.1320

3.70

1.18

0.40

437.0

51.3

1

N 5 1

STAT	ION NAME : WI	LKESPORT/CUMULAT	IVE PRECIP.	#04			PAGE : 2	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	PHOSPHOR
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HG/L
JAN 29,85	JAN 2,85	UG 2.90	****	****	****	****	D 1.100	****
FEB 26,85	JAN 29,85	0.33	0.38	****	****	****	0.270	0.007
MAR 26,85	FEB 26,85	0.19	0.66	0.055	<t 0.005<="" td=""><td>0.075</td><td>0.465</td><td>0.011</td></t>	0.075	0.465	0.011
APR 23,85	MAR 26,85	0.20	0.63	0.085	0.040	0.115	0.560	<t 0.003<="" td=""></t>
MAY 22,85	APR 23,85	0.37	U 3.50	0.250	U 0.530	B 0.205	U 2.200	U 0.235
JUN 18,85	MAY 22,85	0.14	1.05	0.055	0.045	0.060	0.845	0.009
JUL 16,85	JUN 18,85	0.26	0.72	0.085	0.075	0.035	0.780	0.010
AUG 13,85	JUL 16,85	***	0.44	***	****	****	0.400	<t 0.004<="" td=""></t>
SEP 10,85	AUG 13,85	0.13	0.42	0.045	0.025	0.035	0.340	0.009
OCT 8,85	SEP 10,85	0.23	0.54	0.175	0.095	0.080	0.435	0.016
NOV 5,85	OCT 8,85	0.17	D 0.62	0.055	0.145	0.035	0.435	D 0.068
DEC 3,85	NOV 5,85	0.15	0.29	0.025	0.025	0.040	0.270	<t 0.002<="" td=""></t>
DEC 31,85	DEC 3,85	0.51	0.69	0.070	0.045	0.185	0.510	0.011
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUHINUH
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HG/L
JAN 29,85	JAN 2,85	***	****	新装装装	***	****	****	****
FEB 26,85	JAN 29,85	0.001	0.0011	0.008	0.022	D 0.010	0.0004	0.023
MAR 26,85	FEB 26,85	0.003	0.0004	0.008	0.040	0.014	0.0004	0.043
APR 23,85	MAR 26,85	0.004	0.0003	0.007	0.063	0.006	< 0.0004	0.069
MAY 22,85	APR 23,85	U 0.014	0.0012	0.020	0.217	0.009	0.0004	0.171
JUN 18,85	MAY 22,85	0.005	< 0.0002	0.006	0.038	0.004	< 0.0004	0.036
JUL 16,85	JUN 18,85	UG 0.009	0.0005	0.018	0.084	0.007	0.0006	0.119
AUG 13,85	JUL 16,85	0.002	< 0.0002	0.005	0.024	0.001	< 0.0004	0.039
SEP 10,85	AUG 13,85	0.002	0.0004	0.005	0.019	0.005	< 0.0004	0.022
OCT 8,85	SEP 10,85	0.005	0.0007	0.013	0.069	0.007	< 0.0004	0.056
NOV 5,85	OCT 8,85	B 0.027	D 0.0008	0.004	D 0.132	0.004	D 0.0009	D 0.081
DEC 3,85	NOV 5,85	0.002	0.0013	0.004	0.023	0.001	0.0007	0.030
DEC 31,85	DEC 3,85	0.005	0.0011	0.023	0.069	0.009	0.0010	0.030
							0.0010	0.071

REMOVAL EXPOSURE COPPER CADMIUM FREE H+ DATE MG/L MG/L MG/L
110/ 2 110/ 2
The late was proved the control of t
JAN 29,85 JAN 2,85 HHHHHH HHHHHHH 0.0182
PEB 26,85 JAN 29,85 D 0.0019 0.00016 0.0525
MAR 26,85 FEB 26,85 0.0009 0.00012 0.0589
APR 23,85 MAR 26,85 0.0010 0.00011 0.0716
MAY 22,85 APR 23,85 0.0015 0.00012 U.0.0002
JUN 18,85 MAY 22,85 0.0005 0.00008 0.0550
JUL 16,85 JUN 18,85 0.0014 0.00013 0.1318
AUG 13,85 JUL 16,85 < 0.0004 0.00003 0.0603
SEP 10,85 AUG 13,85 0.0006 0.00007 0.0776
OCT 8,85 SEP 10,85 0.0025 0.00040 0.0479
NOV 5.85 OCT 8.85 D. C. COCC
DEC 3.85 NOV 5.85
DEC 31,85 DEC 3,85 D 0.0048 0.00027 0.0813

PAGE : 3

,

PART IV

CENTRAL REGION

CUMULATIVE PRECIPITATION CHEMISTRY LISTINGS

STATION NAME : CAMPRELLEGED/CHMILATIVE DECTD

REMOVAL	EXPOSURE	SAMPL	ING	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	СОН	HENTS
DATE	DATE	START HR.	END HR.	TYPE 01-RAIN 02-SNOW	DEPTH(MM)		NUMBER	CODE 02-APIOS 03-SPECIAL	CODE 01-MOE 03-AES	EFFICI- ENCY (%)	FIELD	OFFICE
			03	-COMP/04-OTH	ER					AP 10,510,00M F		
JAN 29,85	JAN 2,85	830	830	2	31.0	2	24410	2	1	U 32	F	N
MAR 26,85	JAN 29,85	830	800	3	50.2	9	24426	2	1	I 219		
APR 23,85	MAR 26,85	800	1850	3	76.8	9	24432	2	1	I 70		
MAY 21,85	APR 23,85	1850	1400	1	35.0	3	24439	2	1	82	CD	
JUN 19,85	MAY 21,85	1400	1700	1	70.5	9	24448	2	1	I 54	CD	
JUL 16,85	JUN 19,85	1700	1800	1	87.0	3	24455	2	1	90 10 10	E	
AUG 15,85	JUL 16,85	1800	1845	1	25.0	3	24463	2	1	76		
SEP 10,85	AUG 15,85	1845	1800	1	165.0	3	24469	2	1	80	BC	
OCT 8,85	SEP 10,85	1800	1850	1	20.0	3	24475	2	1	79	C	(6)
NOV 5,85	OCT 8,85	1850	1745	3	125.0	3	24482	2	1	83		
DEC 3,85	NOV 5,85	1745	1655	3	81.0	2	24488	2	1	99		
DEC 31,85	DEC 3,85	1655	1310	2	40.0	2	24495	2	1	54		
REMOVAL DATE	EXPOSURE DATE	٧	OLUME	CONDUCT		PH LAB	TOTAL H+ Gran	SULPHAT		RATE S N	CALCIU	.

REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.	PH LAB	TOTAL H+ Gran	SULPHATE	NITRATE AS N	CALCIUM
		HL	UMHO/CM		MG/L	MG/L	MG/L	MG/L
JAN 29,85	JAN 2,85	330.0	40.7	4.10	0.1100	2.05	1.05	0.33
MAR 26,85	JAN 29,85	3581.0	35.4	4.21	0.0957	2.65	0.71	0.30
APR 23,85	MAR 26,85	1768.0	38.6	4.29	0.0912	4.60	0.82	0.74
MAY 21,85	APR 23,85	935.0	29.0	4.73	0.0678	4.35	0.84	1.06
JUN 19,85	MAY 21,85	1249.0	42.2	4.30	0.0931	D 5.90	0.83	1.16
JUL 16,85	JUN 19,85	*****	****	****	****	****	****	****
AUG 15,85	JUL 16,85	618.0	64.7	4.07	0.1370	UG 9.00	UG 1.13	U 2.05
SEP 10,85	AUG 15,85	4300.0	25.1	UG 4.80	0.0661	4.55	0.52	D 1.02
OCT 8,85	SEP 10,85	515.0	D 63.3	3.95	0.1470	D 6.35	B 1.19	0.90
NOV 5,85	OCT 8,85	3398.0	23.9	4.43	0.0633	2.40	0.37	0.24
DEC 3,85	NOV 5,85	2606.0	18.6	4.48	0.0573	1.55	0.27	0.17
DEC 31,85	DEC 3,85	711.0	33.0	4.15	0.0892	1.80	0.77	0.28

STATION NAME : CAMPBELLFORD/CUMULATIVE PRECIP. \$13 PAGE : 2 REMOVAL **EXPOSURE** CHLORIDE KJELDAHL MAGNESIM POTASSIM SODIUM AMMONTUM **PHOSPHOR** DATE DATE AS N AS N MG/L MG/L MG/L MG/L MG/L MG/L MG/L JAN 29,85 JAN 2,85 0.46 0.80 0.040 0.030 0.310 0.155 0.022 MAR 26,85 JAN 29,85 0.29 0.32 0.040 0.025 0.170 0.270 <T 0.004 APR 23,85 UG 1.07 MAR 26,85 0.28 0.090 0.045 0.105 0.765 0.011 MAY 21,85 APR 23,85 0.23 1.32 0.170 0.050 0.075 0.905 0.040 JUN 19,85 MAY 21,85 0.21 1.35 0.105 0.125 0.065 D 0.820 D 0.047 JUL 16,85 JUN 19,85 新新茶茶碗 **** 装装装装装 **** *** **张安安** 张 **张宝宝**张 AUG 15,85 JUL 16,85 0.36 0.89 0.185 0.050 0.050 0.810 0.008 SEP 10,85 AUG 15,85 0.14 1.03 0.065 UB 0.235 <T 0.005 0.800 0.085 OCT 8,85 SEP 10,85 0.26 D 0.70 0.095 0.080 0.055 D 0.595 0.008 NOV 5,85 OCT 8,85 0.12 0.29 0.025 <W 0.005 0.035 0.260 0.006 DEC 3,85 NOV 5,85 <T 0.05 0.16 <T 0.015 <T 0.005 0.030 0.095 <T 0.005 DEC 31,85 DEC 3,85 0.29 0.28 0.015 0.120 0.050 0.008 0.230 REMOVAL **EXPOSURE** MANGANSE NICKEL ZINC IRON LEAD VANADIUM ALUMINUM DATE DATE MG/L MG/L MG/L MG/L MG/L MG/L MG/L JAN 29,85 JAN 2,85 **** **** **** *** **** **** **** MAR 26,85 JAN 29,85 0.002 0.0005 0.005 0.035 UG 0.031 0.0006 0.026 APR 23,85 MAR 26.85 0.008 0.0008 0.012 UG 0.125 0.012 < 0.0004 0.103 MAY 21,85 APR 23,85 0.021 0.0006 0.012 0.294 0.008 < 0.0004 UG 0.559 JUN 19,85 MAY 21,85 0.012 0.0004 0.006 0.118 0.008 0.0005 0.185 JUL 16,85 JUN 19,85 *** *** **** *** *** *** **** AUG 15,85 JUL 16,85 D 0.008 < 0.0002 0.010 0.087 0.009 D 0.0006 0.097

0.010

0.008

0.003

0.004

0.003

0.039

0.058

0.015

0.012

UG 0.163

0.002

0.006

0.004

0.003

B 0.028

< 0.0004

< 0.0004

< 0.0004

< 0.0004

< 0.0004

0.037

0.089

0.016

0.019

0.032

SEP 10,85

OCT 8,85

NOV 5,85

DEC 3,85

DEC 31,85 DEC 3,85

AUG 15,85

SEP 10,85

OCT 8,85

NOV 5,85

0.007

0.006

0.002

0.001

0.001

0.0008

0.0006

0.0002

0.0003

< 0.0002

STATION NAME : CAMPBELLFORD/CUMULATIVE PRECIP. #13 PAGE : 3
EHOVAL EXPOSURE COPPER CADMIUM FREE H+

1775	OVAL DATE	EXPOSURE DATE		COPPER	CADMIUM	1	FREE	H+
	AIL		PAIC	MG/L	MG/L		MG/	L
JAN	29,85	JAN	2,85	*****	保证的证券		0.07	94
MAR	26,85	JAN	29,85	0.0016	0.00030		0.06	17
APR	23,85	MAR	26,85	0.0031	0.00040		0.05	13
MAY	21,85	APR	23,85	0.0007	0.00041		0.01	86
JUN	19,85	MAY	21,85	0.0011	0.00029		0.05	01
JUL	16,85	JUN	19,85	****	*****		-	**
AUG	15.85	JUL	16,85	0.0018	0.00012		0.08	51
SEP	10,85	AUG	15,85	0.0003	0.00015	LG	0.01	58
OCT	8,85	SEP	10,85	0.0019	0.00009		0.11	22
NOV	5.85	OCT	8.85	0.0004	0.00011		0.03	72
DEC	3.85	NOV	5.85	0.0003	0.00005		0.03	31
	31.85	DEC	3.85	0.0005	0.00009		0.07	08

STATION NAME : COLDWATER/CUMULATIVE PRECIP. #12

EMOVAL EXPOSURE SAMPLING SAMPLE GAUGE GAUGE SAMPLE PROJECT SUBPROJECT SAMPL

DATE DATE START END TYPE DEPTH(MM) TYPE NUMBER CODE CODE EFFIC

HR. HR. 01-RAIN 02.03-APIOS 01-MOE EMOCY

REMOVAL DATE	EXPO DA	SURE TE	SAMPI START HR.	END HR.	SAMPLE TYPE 01-RAIN 02-SNOW -COMP/04-OTHE	GAUGE DEPTH(MM)	GAUGE TYPE 02,03-APIOS 09-AES	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	EF	MPLER FFICI- ENCY (%)	FIELD	MENTS OFFICE
JAN 29,85	DEC	31,84	1200	830	3	102.0		00404	_				_	
FEB 26,85		29,85	830	1130	3		2	29404	Z	1	U	64	G	
MAR 26,85	Section .				3	110.0	Z	29412	2	1		72		
		26,85	1130	745	3	79.0	2	29417	2	1	U	23	FI	
APR 23,85		26,85	745	800	3	57.0	2	29426	2	1		161	AC	N
MAY 21,85	APR	23,85	800	800	1	44.4	9	29437	2	1	I	74		
JUN 18,85	HAY	21,85	800	800	1	56.6	9	29446	2	1	U	71	CFIJ	
JUL 16,85	JUN :	18,85	800	800	1	57.0	3	29456	,	î		99	0.10	С
AUG 13,85	JUL :	16,85	800	800	1	29.0	3	29465	,			128	AQ	N
SEP 10,85		13,85	800	800	ī	243.0	ž	29473	2				135 T 157 T	N .
OCT 8,85		10,85	800	800	î	48.0	,		-		U	96	AG	
NOV 5,85		8,85	800	800	î		3	29477		1		90		
DEC 2,85				200		98.0	2	29493	2	1		80		. 1
		5,85	800	800	3	110.0	2	29499	2	1		74	A	C
JAN 3,86	DEC	2,85	800	1700	3	61.0	2	29505	2	1		62		ω
													(*)	

REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDU	CT.	PH LAB	TOTAL H+ Gran	s	ULPHATE	•	ITRATE AS N	CALCIUM
		HL	UMHO	/CM		MG/L		MG/L		MG/L	MG/L
JAN 29,85	DEC 31,84	2136.0	14.		4.61	0.0445	LG	0.80		0.29	0.07
FEB 26,85	JAN 29,85	2576.0	22.	7	4.36	0.0666		1.30		0.43	0.08
MAR 26,85	FEB 26,85	615.0	15.	3 UG	4.80	0.0428		1.50		0.37	0.46
APR 23,85	MAR 26,85	2991.0	33.	0	4.36	0.0750		3.90		0.70	0.64
MAY 21,85	APR 23,85	1080.0	27.	5	4.61	0.0488		4.15		0.72	0.84
JUN 18,85	MAY 21,85	1307.0	29.	6	4.35	0.0686		3.90		0.48	0.63
JUL 16,85	JUN 18,85	1850.0	20.	2	4.40	0.0752		4.05		0.60	0.57
AUG 13,85	JUL 16,85	1214.0	32.	1 D	4.34	0.0732		4.00		0.51	0.59
SEP 10,85	AUG 13,85	7588.0	24.	7	4.55	0.0584		3.40		0.37	0.15
OCT 8,85	SEP 10,85	1418.0	27.		4.34	0.0787		2.55		0.40	0.15
NOV 5,85	OCT 8,85	2571.0	27.		4.30	0.0739		2.50		0.39	0.13
DEC 2,85	NOV 5,85	2671.0	LG 6.		5.10	LG 0.0277	LG	0.35	LG	E 1 200	
JAN 3,86	DEC 2,85	1246.0	D 31.		4.27	0.0759	LO	1.85	re	0.09	0.07

STAT	TION NAME : CO	LDWATER/CUMULAT	IVE PRECIP.	#12			PAGE : 2	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AHHONIUH	PHOSPHOR
		HG/L	MG/L	MG/L	MG/L	MG/L	AS.N Mg/L	HG/L
JAN 29,85 FEB 26,85		0.15	0.13	<t 0.010<="" td=""><td><t 0.005<="" td=""><td>0.070</td><td>LG 0.060</td><td>0.018</td></t></td></t>	<t 0.005<="" td=""><td>0.070</td><td>LG 0.060</td><td>0.018</td></t>	0.070	LG 0.060	0.018
MAR 26,85		0.18	0.17	<t 0.010<="" td=""><td><t 0.015<="" td=""><td>0.070</td><td>0.090</td><td>0.007</td></t></td></t>	<t 0.015<="" td=""><td>0.070</td><td>0.090</td><td>0.007</td></t>	0.070	0.090	0.007
APR 23,85		0.23	0.26	0.045	0.005	0.115	0.160	0.013
MAY 21,85		0.19	0.80	0.075	0.045	0.125	0.690	0.015
JUN 18,85		0.16	1.02	0.160	0.050	0.065	0.885	0.013
JUL 16,85		<t 0.04<="" td=""><td>0.62</td><td>0.110</td><td>0.055</td><td><t 0.020<="" td=""><td>0.450</td><td>0.013</td></t></td></t>	0.62	0.110	0.055	<t 0.020<="" td=""><td>0.450</td><td>0.013</td></t>	0.450	0.013
AUG 13,85		0.16	0.61	0.100	0.065	0.040	0.485	0.008
SEP 10,85		0.12	0.48	0.110	0.050	0.010	0.535	<t 0.005<="" td=""></t>
OCT 8,85		0.11	1.02	0.030	0.105	0.040	0.750	
NOV 5,85		0.10	LG 0.24	0.055	<t 0.005<="" td=""><td>0.030</td><td>0.215</td><td>0.117</td></t>	0.030	0.215	0.117
DEC 2,85		0.12	0.30	0.025	0.020	0.045	0.305	<t 0.003<br=""><t 0.003<="" td=""></t></t>
JAN 3,86		0.08	0.22	<w 0.005<="" td=""><td><w 0.005<="" td=""><td>0.025</td><td>LG 0.070</td><td>0.030</td></w></td></w>	<w 0.005<="" td=""><td>0.025</td><td>LG 0.070</td><td>0.030</td></w>	0.025	LG 0.070	0.030
UAN 3,00	DEC 2,85	UG 0.60	0.52	0.040	0.110	D 0.255	0.335	0.007
REMOVAL	EXPOSURE	MANGANSE	NICKEL	ZINC	IRON		****	¥;
DATE	DATE			ZING	IRON	LEAD	VANADIUM	ALUMINUM
14M 00 0F		MG/L	MG/L	MG/L	MG/L	HG/L	MG/L	MG/L
JAN 29,85 FEB 26,85	DEC 31,84	< 0.001	0.0003	0.002	0.012	0.003	< 0.0004	0.014
MAR 26,85	JAN 29,85	0.001	< 0.0002	0.004	0.016	0.006	< 0.0004	
APR 23,85	FEB 26,85	0.002	0.0003	0.010	0.037	0.008	0.0004	0.016 0.039
MAY 21,85	MAR 26,85	0.006	0.0004	0.011	0.080	0.014	< 0.0004	
JUN 18,85	APR 23,85	0.006	0.0003	0.007	0.145	0.011	< 0.0004	0.071 0.281
JUL 16,85	MAY 21,85	0.014	< 0.0002	0.010	0.364	0.010	0.0004	0.257
The state of the s	JUN 18,85	0.008	0.0006	0.002	0.063	0.009	0.0005	
AUG 13,85 SEP 10,85	JUL 16,85	0.004	0.0005	0.007	0.048	0.007	< 0.0004	0.067
	AUG 13,85	0.006	< 0.0002	0.003	0.035	0.001	< 0.0004	0.035
OCT 8,85 NOV 5.85	SEP 10,85	0.002	< 0.0002	0.002	0.015	0.004	< 0.0004	0.040
NOV 5,85 DEC 2,85	OCT 8,85	0.001	0.0003	0.002	0.018	0.003	< 0.0004	0.022
JAN 3,86	NOV 5,85 DEC 2,85	****	***	****	90 90 00 00 00	****	*****	****
JAN 3,00	2,05	0.004	0.0003	D 0.014	0.043	0.006	< 0.0004	0.048

1 32

STATE	ION NAME : COL	DWATER/CUMULATI	VE PRECIP.	#12
REHOVAL	EXPOSURE DATE	COPPER	CADHIUM	FREE H+
		MG/L	MG/L	MG/L
JAN 29,85	DEC 31,84	< 0.0003	0.00002	0.0245
FEB 26,85	JAN 29,85	0.0004	0.00006	0.0437
MAR 26,85	FEB 26,85	0.0026	0.00008	LG 0.0158
APR 23,85	MAR 26,85	0.0017	0.00012	0.0437
MAY 21,85	APR 23,85	0.0015	0.00015	0.0245
JUN 18,85	MAY 21,85	0.0007	U 0.00730	0.0447
JUL 16,85	JUN 18,85	0.0007	0.00010	0.0398
AUG 13,85	JUL 16,85	0.0006	0.00003	D 0.0457
SEP 10,85	AUG 13,85	0.0018	0.00002	0.0282
OCT 8,85	SEP 10,85	0.0019	0.00012	0.0457
NOV 5,85	OCT 8,85	D 0.0043	0.00005	0.0501
DEC 2,85	NOV 5,85	新新新新新	****	LG 0.0079
JAN 3.86	DEC 2,85	0.0015	0.00019	0.0537

4

PAGE : 3

STATION NAME : DORSET/CUMULATIVE PRECIP. #20 PAGE : 1 REMOVAL **EXPOSURE** SAMPLING SAMPLE GAUGE GAUGE SAMPLE PROJECT SUBPROJECT SAMPLER COMMENTS DATE DATE START END TYPE DEPTH(MM) TYPE NUMBER CODE CODE EFFICI-FIELD OFFICE HR. HR. 01-RAIN 02,03-APIOS 02-APIOS 01-MOE ENCY 02-SNOW 09-AES 03-SPECIAL 03-AES (Z) 03-COMP/04-OTHER JAN 29,85 JAN 2,85 945 900 2 45.0 29405 2 1 62 FEB 26,85 JAN 29,85 900 900 3 97.0 29409 2 1 75 MAR 26,85 FEB 26,85 900 1115 3 84.0 29415 2 1 57 APR 23,85 MAR 26,85 1115 855 3 127.0 29428 2 1 82 MAY 21,85 APR 23,85 855 850 1 63.0 3 29433 2 98 JUN 18,85 MAY 21,85 850 910 1 42.0 29443 2 94 Ce JUL 16,85 JUN 18,85 910 900 1 65.0 29450 94 AUG 13,85 JUL 17,85 900 840 1 88.0 29461 2 92 SEP 10,85 AUG 13,85 835 840 1 136.0 3 29469 2 1 92 OCT 8,85 SEP 10,85 835 1130 1 54.0 3 29479 2 112 NOV 5,85 OCT 8,85 1130 840 1 92.0 3 29488 2 1 90 DEC 3,85 NOV 5,85 840 1300 3 116.0 2 29496 2 1 79 A DEC 31,85 DEC 3,85 1300 1200 3 61.0 2 29507 2 98 REMOVAL **EXPOSURE** VOLUME CONDUCT. TOTAL H+ SULPHATE NITRATE CALCIUM DATE DATE LAB GRAN AS N ML UMHO/CM MG/L MG/L MG/L MG/L JAN 29,85 JAN 2,85 919.0 24.0 4.34 0.0678 0.80 0.62 0.07 FEB 26,85 JAN 29,85 2393.0 28.2 4.24 0.0844 1.25 0.60 <T 0.02 MAR 26,85 FEB 26,85 1567.0 31.3 4.36 0.0810 2.30 0.77 D 0.41 APR 23,85 MAR 26,85 3420.0 25.3 4.40 0.0689 2.40 0.45 0.33 MAY 21,85 APR 23,85 2011.0 21.3 UG 4.72 0.0743 3.15 0.48 0.39 JUN 18,85 MAY 21,85 1295.0 24.0 U 4.82 0.0525 3.85 0.65 U 1.34 JUL 16,85 JUN 18,85 1989.0 27.4 4.47 0.0648 3.50 0.50 0.49

4.36

4.23

4.22

4.39

4.28

0.0682

0.0943

0.0967

0.0631

张宏宏宏张

0.0699

3.05

3.50

3.05

1.90

HHHHH

1.25

0.40

0.42

0.51

0.28

0.63

0.34

0.17

0.28

0.12

0.10

AUG 13,85 JUL 17,85

SEP 10,85 AUG 13,85

OCT 8,85 SEP 10,85

NOV 5,85 OCT 8,85

DEC 3,85 NOV 5,85

DEC 31,85 DEC 3,85

2640.0

4063.0

1977.0

2702.0

3003.0

1959.0

27.3

35.7

35.1

21.3

24.9

.

STAT	ION NAME : DO	RSET/CUMULATIVE	PRECIP.	#20			PAGE : 2		
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM	PHOSPHOR	
		MG/L	MG/L	MG/L	MG/L	MG/L	AS N MG/L	MG/L	
JAN 29,85 FEB 26,85 MAR 26,85 APR 23,85 MAY 21,85 JUN 18,85 JUL 16,85 AUG 13,85 SEP 10,85 OCT 8,85	JAN 29,85 FEB 26,85 MAR 26,85 APR 23,85 MAY 21,85 JUN 18,85 JUL 17,85 AUG 13,85 SEP 10,85	0.12 0.15 0.20 0.14 0.22 0.20 0.12 0.09 0.12	0.14 0.15 0.43 0.38 0.95 U 1.07 0.61 0.33 0.32	<w 0.005<br=""><t 0.005<br="">0.050 0.035 0.065 U 0.250 0.075 0.055</t></w>	<t 0.005<br=""><t 0.005<br="">0.005 0.025 0.045 0.095 0.080 0.020 <m 0.005<="" td=""><td>0.035 0.040 0.075 0.090 0.055 0.045 0.050 0.010</td><td>0.090 0.100 0.345 0.340 0.595 0.485 0.465 0.405</td><td>0.009 0.007 0.012 <t 0.003<br=""><t 0.006<br="">U 0.057 0.007 <n 0.001<br=""><t 0.004<="" td=""><td></td></t></n></t></t></td></m></t></t>	0.035 0.040 0.075 0.090 0.055 0.045 0.050 0.010	0.090 0.100 0.345 0.340 0.595 0.485 0.465 0.405	0.009 0.007 0.012 <t 0.003<br=""><t 0.006<br="">U 0.057 0.007 <n 0.001<br=""><t 0.004<="" td=""><td></td></t></n></t></t>	
NOV 5,85 DEC 3,85 DEC 31,85	OCT 8,85 NOV 5,85 DEC 3,85	0.09 ***** 0.14	0.15 ***** 0.22	0.020 0.035 ***** <t 0.015<="" td=""><td><t 0.010<br=""><t 0.010<br="">***** <w 0.005<="" td=""><td>0.030 0.040 ***** 0.045</td><td>0.350 0.160 ***** 0.190</td><td><t 0.003<br=""><t 0.001<br="">****** <t 0.003<="" td=""><td></td></t></t></t></td></w></t></t></td></t>	<t 0.010<br=""><t 0.010<br="">***** <w 0.005<="" td=""><td>0.030 0.040 ***** 0.045</td><td>0.350 0.160 ***** 0.190</td><td><t 0.003<br=""><t 0.001<br="">****** <t 0.003<="" td=""><td></td></t></t></t></td></w></t></t>	0.030 0.040 ***** 0.045	0.350 0.160 ***** 0.190	<t 0.003<br=""><t 0.001<br="">****** <t 0.003<="" td=""><td></td></t></t></t>	
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUHINUH	(
	220	MG/L	MG/L	MG/L	MG/L	MG/L	HG/L	MG/L	
JAN 29,85 FEB 26,85 MAR 26,85 APR 23,85 HAY 21,85 JUL 16,85 AUG 13,85 SEP 10,85 OCT 8,85 NOY 5,85 DEC 3,85 DEC 31,85	JAN 2,85 JAN 29,85 FEB 26,85 MAR 26,85 APR 23,85 MAY 21,85 JUN 18,85 JUN 17,85 AUG 13,85 SEP 10,85 OCT 8,85 NOV 5,85 DEC 3,85	< 0.001 < 0.001 0.003 0.022 U 0.043 0.008 0.003 0.001 D 0.002 < 0.001 ***********************************	0.0008 0.0004 0.0004 < 0.0002 D 0.0011 U 0.0014 0.0005 C 0.0005 < 0.0002 < 0.0002 0.0003	< 0.004 0.002 0.007 0.003 U 0.048 U 0.014 0.003 0.006 0.002 0.005 0.001 ***********************************	0.009 0.014 0.091 0.036 0.186 U 1.237 0.090 0.038 0.022 0.017 0.009	0.010 0.005 0.011 0.011 0.003 U 0.015 0.005 0.003 0.001 0.007 0.002	< 0.0004 < 0.0004 0.0004 0.0005 U 0.0017 < 0.0004 < 0.0004 < 0.0004 < 0.0004 < 0.0004 < 0.0004	0.018 0.015 0.096 0.038 0.173 U 1.606 0.103 0.033 0.026 0.024 0.016	

L

ST	ATION NAME :	DORSET/CUMULATIVE	PRECIP.	#20
REMOVAL DATE	L EXPOSUR	E COPPER	CADMIUM	FREE H+
		MG/L	MG/L	HG/L
JAN 29,8	85 JAN 2,8	5 0.0008	0.00002	0.0457
FEB 26,8	55 JAN 29,8	5 0.0004	0.00008	0.0575
MAR 26,8	5 FEB 26,8	5 0.0009	0.00011	0.0437
APR 23,8	85 MAR 26,8	0.0012	0.00006	0.0398
MAY 21,8	55 APR 23,8	5 < 0.0003	UG 0.00017	LG 0.0191
JUN 18,8	55 MAY 21,8	0.0030	U 0.00015	U 0.0151
JUL 16,8	5 JUN 18,8	0.0007	0.00004	0.0339
AUG 13,8	5 JUL 17,8	0.0010	< 0.00002	0.0437
SEP 10,8	5 AUG 13,8		< 0.00002	0.0589
OCT 8,8	S SEP 10,8		0.00009	0.0603
NOV 5,8			0.00002	0.0407
DEC 3,8			*****	*****
DEC 31,8			0.00004	0.0525

PAGE : 3

(

.

.

STATI	ON NAME : U	XBRIDGE/CUMULAT	IVE PRECIP.	#1	1			PAGE :	1		
REHOVAL	EXPOSURE	SAMPLING	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	COMM	EWTE
DATE	DATE	START END	TYPE	DEPTH(MM)		NUMBER	CODE	CODE	EFFICI-	FIELD	OFFICE
		HR. HR.	01-RAIN		02,03-APIOS		02-APIOS	01-HOE	ENCY		511166
			02-SNOW		09-AES		03-SPECIAL	03-AES	(%)		
		03-	-COMP/04-OTHER						2		
JAN 29,85	JAN 2,85	1130 1023	2	29.0	3	40242	2	1	υ 5	G	
FEB 27,85	JAN 29,85	1023 730	3	109.0	2	40245	2	1	U 24	CG	
APR 24,85	FEB 27,85	730 1500	1	44.0	9	40251	2	1	U 122	F	
MAY 23,85	APR 24,85	1500 1220	1	1.5	2	40254	2	1	94 94 M		N
JUN 18,85	MAY 23,85	1220 730	1	65.0	3	40259	2	1	U 30	ACDG	HC
JUL 16,85	JUN 18,85	730 1000	1	170.0	3	40263	2	1	76		
AUG 16,85	JUL 16,85	1000 1424	1	20.0	3	40280	2	1	153		N
SEP 10,85	AUG 16,85	1424 730	1	110.0	3	40286	2	1	U 35	C	
OCT 8,85	SEP 10,85	730 954	1	50.0	3	40292	2	1	81	C	
NOV 12,85	OCT 25,85	1020 1305	3	120.0	3	40304	2	1	80		
JAN 7,86	DEC 5,85	**** 1125	3	121.0	2	40318	2	1	26		N
					5.5~					*	
REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.		PH LAB	TOTAL H+ GRAN	SULPHAT	(C)	RATE S N	CALCIUM	
		ML	UMHO/CM			MG/L	MG/L		3/L	MG/L	
JAN 29,85	JAN 2,85	55.0	***		4.33	0.0821	10 10 10 10 10	***	1919 1919	****	W
FEB 27,85	JAN 29,85	866.0	LG 9.2		4.71	0.0418	LG 0.55	LG 0.	16	<₩ 0.01	
APR 24,85	FEB 27,85	1754.0	19.1		4.52	0.0505	2.05	0.	38	0.54	
MAY 23,85	APR 24,85	870.0	20.2			0.0334	3.50	0.	58	0.86	
JUN 18,85	MAY 23,85	651.0	25.9			0.0155	4.20		62	U 2.11	
JUL 16,85	JUN 18,85	4214.0	23.1		4.47	0.0586	2.55	0.	35	0.26	
AUG 16,85	JUL 16,85	998.0	41.8		1.12	0.0990	4.95		63	0.61	
SEP 10,85	AUG 16,85	1268.0	37.4		1.16	0.0935	3.45		58	0.11	
OCT 8,85	SEP 10,85	1324.0	28.6		1.21	0.0888	3.20		47	新育金素	
NOV 12,85	OCT 25,85	3155.0	24.5		4.40	0.0686	2.15		41	0.20	
JAN 7,86	DEC 5,85	1033.0	37.3	•	1.16	0.0954	2.30	0.	92	0.47	

STAT	ION NAME : U)	BRIDGE/CUMULATIV	E PRECIP.	#11			PAGE : 2	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	PHOSPHOR
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 29,85 FEB 27,85	JAN 2,85 JAN 29,85	****	*****	****	计算机设计	****	<w 0.005<="" th=""><th>******</th></w>	******
APR 24,85	FEB 27,85	0.09	LG 0.08	<w 0.005<="" td=""><td>0.035</td><td>0.045</td><td>LG 0.050</td><td>0.007</td></w>	0.035	0.045	LG 0.050	0.007
MAY 23,85	APR 24.85	0.11	0.38	0.040	0.025	0.070	0.160	0.015
JUN 18,85	The second of th	0.12	0.88	0.140	0.030	0.060	0.715	0.013
JUL 16,85	MAY 23,85	0.18	0.80	0.125	0.080	0.075	0.505	0.014
AUG 16,85	JUN 18,85	0.09	0.41	0.040	0.045	0.060	0.340	<w 0.001<="" th=""></w>
SEP 10,85	JUL 16,85	0.15	0.64	0.085	0.050	0.025	0.540	0.009
OCT 8,85	AUG 16,85	0.09	0.41	0.030	0.030	0.025	0.365	<t 0.002<="" th=""></t>
NOV 12,85	SEP 10,85	0.15	LG 0.21	张妆妆	0.030	0.045	0.210	<t 0.003<="" th=""></t>
JAN 7,86	OCT 25,85	0.10	0.59	0.040	0.070	0.040	0.275	0.029
JAN / 100	DEC 5,85	UG 0.59	0.41	0.045	0.040	0.245	0.310	<t 0.005<="" th=""></t>
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 29,85	JAN 2,85	****	****	****	****	****	*****	
FEB 27,85	JAN 29,85	< 0.001	< 0.0002	0.004	0.013	0.004		****
APR 24,85	FEB 27,85	0.009	< 0.0002	0.006	UG 0.130	0.004	< 0.0004	0.003
MAY 23,85	APR 24,85	0.010	< 0.0002	0.008	0.139	0.009	< 0.0004	0.116
JUN 18,85	MAY 23,85	0.011	0.0006	0.008	0.089	0.007	< 0.0004	0.121
JUL 16,85	JUN 18,85	0.003	< 0.0002	0.003	0.024	0.003	0.0005	0.092
AUG 16,85	JUL 16,85	0.003	0.0012	0.011	0.074	0.003	< 0.0004	0.017
SEP 10,85	AUG 16,85	0.002	< 0.0002	0.004	0.013	D 0.008	< 0.0004	0.051
OCT 8,85	SEP 10,85	0.003	0.0005	0.005	0.036	0.005	< 0.0004	0.027
NOV 12,85	OCT 25,85	****	****	****	****	0.005	< 0.0004	0.040
JAN 7,86	DEC 5,85	0.004	0.0011	0.014	0.053		*****	****
				0.014	0.053	0.006	< 0.0004	0.042

- 38

STATION NAME : UXBRIDGE/CUMULATIVE PRECIP. #11 PAGE : 3

REMOVAL EXPOSURE COPPER CADMIUM FREE H+
DATE DATE

MG/L MG/L MG/L

	MOVAL DATE		POSURE Date	COPPER	CADHIUM	FREE	H+
			DATE	MG/L	MG/L	MG	/L
JAN	29,85	JAN	2,85	****	经保证证据证据	0.0	468
FEB	27,85	JAN	29,85	0.0010	0.00003	0.0	
APR	24,85	FEB	27,85	0.0013	0.00031	0.0	302
MAY	23,85	APR	24,85	0.0012	0.00020	LG 0.0	
JUN	18,85	MAY	23,85	0.0013	0.00012	U 0.0	001
JUL	16,85	JUN	18,85	0.0004	0.00006	0.0	
AUG	16,85	JUL	16,85	0.0024	0.00009	0.0	
SEP	10,85	AUG	16,85	0.0004	0.00007	0.0	
OCT	8,85	SEP	10,85	0.0009	0.00008	0.0	
NOV	12,85	OCT	25,85	****	****	0.0	
JAN	7,86	DEC	5,85	0.0012	0.00026	0.00	7.00

39

STATION NAME : WILBERFORCE/CUMULATIVE PRECIP.

#18

PAGE : 1

REMO!		EXPO DA		SAMPL START HR.	END HR.	SAMPLE TYPE 01-RAIN 02-SNOW -COMP/04-OTHE	GAUGE DEPTH(MM)	GAUGE TYPE 02,03-APIOS 09-AES	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	EF	MPLER FICI- NCY (%)	COMM FIELD	ENTS OFFICE
JAN :	29,85	JAN	2,85	1230	1430	2	36.0	2	29402	,			75		
FEB :	26,85	JAN	29,85	1430	1345	3	114.0	2	29411	,			65		
MAR 2	26,85	FEB	26,85	1345	1400	3	81.0	2	29418	,	•				
APR 2	23,85	MAR	26,85	1400	1220	3	111.0	,	29427	-	:		62		
MAY 2	21,85		23,85	1220	1415	1	70.0	,	29436				74		
	18,85		21,85	1415	1700	î	77.0	7	29442	•	1		69	AQ	
	16,85		18,85	1700	1210	î	107.0	3		Z	1		87	С	
	13,85		16,85	1210	1050	î		3	29454	Z	1		94		
	10,85		13,85				36.0	3	29463	2	1		94	A	
				1050	1130	1	160.0	3	29472	2	1		90	A	
	8,85		10,85	1130	1000	1	62.0	3	29482	2	1		93		
NOA	5,85	OCT	8,85	1000	1130	1	78.0	3	29487	2	1		86		
DEC	3,85	NOV	5,85	1130	1610	3	105.0	2	29500	2	ī		82		
JAN	3,86	DEC	3,85	1610	1440	2	49.0	2	29506	2	i	U	16	FI	

	MOVAL DATE	EXPOS DAT		VOLUME	CONDUCT.	PH LAB	TOTAL H+ Gran	SULPHATE	NITRATE AS N	CALCIUM
			¥	ML	UHHO/CM		MG/L	MG/L	MG/L	MG/L
JAN	29,85	JAN 2	2,85	883.0	33.1	4.20	0.0862	1.00	0.86	0.12
FEB	26,85	JAN 29	,85	2433.0	28.6	4.27	0.0839	1.50	0.57	<t 0.03<="" td=""></t>
MAR	26,85	FEB 26	,85	1650.0	23.0	4.48	0.0693	1.80	0.51	0.29
APR	23,85	MAR 26	,85	2692.0	21.7	4.47	0.0678	2.10	0.39	0.27
MAY	21,85	APR 23	,85	1577.0	28.7	4.45	0.0770	3.85	0.61	0.42
JUN	18,85	MAY 21	,85	2179.0	31.6	4.33	0.0826	4.20	0.54	U 0.73
JUL	16,85	JUN 18	,85	3274.0	28.4	4.28	0.0931	4.20	0.61	0.39
AUG	13,85	JUL 16	,85	1099.0	35.0	4.24	0.0918	3.65	0.61	0.39
SEP	10,85	AUG 13	,85	4695.0	37.9	4.21	0.0972	3.65	0.39	
OCT	8,85	SEP 10	,85	1880.0	36.6	4.19	0.0978	3.05	0.46	0.13
NOV	5,85	OCT 8	,85	2198.0	24.2	4.34	0.0679	2.15	0.32	0.12
DEC	3,85	NOV 5	,85	2797.0	21.3	4.40	0.0644	1.50		0.13
JAN	3,86	DEC 3	,85	261.0	30.9	4.22	0.0830	1.95	0.36	0.09

40

DEMOVA:	PURALIFIC						PAGE : 2		_
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM	PHOSPHOR	•
		MG/L	MG/L	MG/L	MG/L	MG/L	AS N Mg/L	MG/L	
JAN 29,85	JAN 2,85	0.30	0.18	<t 0.100<="" td=""><td><t 0.020<="" td=""><td>0.145</td><td>0.100</td><td></td><td></td></t></td></t>	<t 0.020<="" td=""><td>0.145</td><td>0.100</td><td></td><td></td></t>	0.145	0.100		
FEB 26,85	JAN 29,85	0.27	0.23	<t 0.005<="" td=""><td>0.040</td><td>0.110</td><td>0.130</td><td>D 0.026</td><td></td></t>	0.040	0.110	0.130	D 0.026	
MAR 26,85	FEB 26,85	0.17	0.38	0.030	0.010	0.055	0.215	0.012 0.009	
APR 23,85	MAR 26,85	0.15	0.37	0.030	0.025	0.085	0.250	0.007	
MAY 21,85	APR 23,85	0.11	0.94	0.070	0.040	0.020	0.740	0.011	
JUN 18,85	MAY 21,85	<t 0.06<="" td=""><td>0.72</td><td>U 0.130</td><td>0.045</td><td><t 0.015<="" td=""><td>0.500</td><td></td><td></td></t></td></t>	0.72	U 0.130	0.045	<t 0.015<="" td=""><td>0.500</td><td></td><td></td></t>	0.500		
JUL 16,85	JUN 18,85	0.14	0.60	0.060	0.055	0.055	0.470	0.033 0.005	
AUG 13,85	JUL 16,85	0.12	0.17	0.060	0.060	0.010	0.475	<w 0.001<="" td=""><td></td></w>	
SEP 10,85	AUG 13,85	0.09	0.30	0.015	<w 0.005<="" td=""><td>0.020</td><td>0.260</td><td><t 0.002<="" td=""><td></td></t></td></w>	0.020	0.260	<t 0.002<="" td=""><td></td></t>	
OCT 8,85	SEP 10,85	0.11	0.25	<t 0.015<="" td=""><td><w 0.005<="" td=""><td>0.035</td><td>0.225</td><td><t 0.003<="" td=""><td></td></t></td></w></td></t>	<w 0.005<="" td=""><td>0.035</td><td>0.225</td><td><t 0.003<="" td=""><td></td></t></td></w>	0.035	0.225	<t 0.003<="" td=""><td></td></t>	
NOV 5,85	OCT 8,85	0.10	0.19	0.020	<t 0.010<="" td=""><td>0.050</td><td>0.205</td><td></td><td></td></t>	0.050	0.205		
DEC 3,85	NOV 5,85	0.10	0.17	<t 0.005<="" td=""><td><w 0.005<="" td=""><td>0.035</td><td>0.145</td><td><t 0.001<="" td=""><td></td></t></td></w></td></t>	<w 0.005<="" td=""><td>0.035</td><td>0.145</td><td><t 0.001<="" td=""><td></td></t></td></w>	0.035	0.145	<t 0.001<="" td=""><td></td></t>	
JAN 3,86	DEC 3,85	0.29	0.33	0.025	<t 0.005<="" td=""><td>0.145</td><td>0.240</td><td>D 0.008</td><td></td></t>	0.145	0.240	D 0.008	
					. 01003	0.143	0.240	0.014	
	•								
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUHINUM	
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
AN 29,85	JAN 2,85	0.001	0.0004	< 0.004	0.018	0.012	< 0.0004	9.028	
EB 26,85	JAN 29,85	0.001	0.0004	0.003	0.011	0.005	< 0.0004	0.019	9
MAR 26,85	FEB 26,85	0.003	0.0007	0.004	0.036	0.009	0.0004	0.067	
APR 23,85	MAR 26,85	0.002	0.0003	0.002	0.035	0.010	< 0.0004	0.104	
1AY 21,85	APR 23,85	0.004	0.0006	0.008	0.055	0.007	< 0.0004	0.060	
JUN 18,85	MAY 21,85	0.021	< 0.0002	0.007	U 0.515	0.012	U 0.0008	U 0.573	
OUL 16,85	JUN 18,85	0.006	0.0007	0.003	0.079	0.004	D 0.0005	0.115	
UG 13,85	JUL 16,85	0.005	< 0.0002	0.007	0.047	D 0.009	< 0.0004	D 0.100	
EP 10,85	AUG 13,85	0.001	< 0.0002	0.003	0.019	0.001	< 0.0004	0.029	
	SEP 10,85 OCT 8,85	0.001	< 0.0002	0.004	0.017	0.005	< 0.0004	0.029	
OV E OF		< 0.001	0.0006	0 000				V. U. 7	
				0.002	0.011	0.002	< 0.0004	0.023	
NOV 5,85 DEC 3,85 DAN 3,86	NOV 5,85 DEC 3,85	< 0.001 0.003	0.0002	0.002 0.008	0.011	0.002 0.001	< 0.0004 < 0.0004	0.023	

STAT	TION NAME : WIL	BERFORCE/CUMUL	ATIVE PRECIP.	#18	
REMOVAL DATE	EXPOSURE DATE	COPPER	CADHIUN	FREE H+	
		MG/L	MG/L	MG/L	
JAN 29,85		< 0.0004	0.00012	0.0631	
FEB 26,85		0.0006	0.00006	0.0537	
MAR 26,85		0.0014	0.00009	0.0331	
APR 23,85		0.0023	0.00013	0.0339	
MAY 21,85		0.0011	UG 0.00012	0.0355	
JUN 18,85	MAY 21,85	0.0032	< 0.00002	0.0468	
JUL 16,85	JUN 18,85	0.0008	0.00006		
AUG 13,85	JUL 16,85	0.0037	< 0.00002	0.0525	
SEP 10,85		0.0010	< 0.00002	0.0575	
OCT 8,85		0.0015		0.0617	
NOV 5,85		D 0.0021	0.00006	0.0646	
DEC 3,85			0.00003	0.0457	
JAN 3,86		0.0006	0.00006	0.0398	
JAN 3,00	DEC 3,85	0.0013	0.00010	0.0603	

PAGE : 3

PART V

SOUTHEASTERN REGION

CUMULATIVE PRECIPITATION CHEMISTRY LISTINGS

STATE	ION NAME : C	LOYNE/CUMULATI	VE PRECIP.	#14				PAGE	: 1			
REMOVAL DATE	EXPOSURE Date	SAMPLING START END HR. HR.	SAMPLE TYPE 01-RAIN 02-SNOW 5-COMP/04-OTHER		GAUGE TYPE 02,03-APIOS 09-AES	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-HOE 03-AES	SAMPLER EFFICI- ENCY (%)		PMENTS OFFI	CE
JAN 28,85 FEB 28,85 MAR 28,85 APR 23,85 MAY 23,85 JUN 18,85 JUN 18,85 AUG 13,85 SEP 10,85 OCT 8,85 NOV 5,85 DEC 3,85	JAN 2,85 JAN 28,85 FEB 28,85 MAR 28,85 APR 23,85 MAY 21,85 JUN 18,85 JUL 16,85 AUG 13,85 SEP 10,85 OCT 8,85 NOV 5,85 DEC 3,85	800 1030 1030 1030 1030 945 945 1300 1300 945 945 1010 1010 1800 1800 900 900 1715 1715 700 700 1600 1600 730 730 755	2 3 3 3 1 1 1 1 1 1 1 3 3 2 2	22.0 91.0 78.0 72.0 55.0 60.0 40.0 150.0 45.0 95.0 102.4 51.0	2 2 9 3 3 3 3 3 3 3 9 2	24415 24421 24437 24444 24453 24460 24468 24474 24481 24487 24487 24493	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 1 1 1 1 1 1 1	49 79 78 I 102 73 77 51 76 92 100 87 I 68 72	D CB BC D	*	1 20
REMOVAL DATE	EXPOSURE DATE	VOLUME ML	CONDUCT.	ů	PH AB	TOTAL H+ Gran MG/L	SULPHAT MG/L	A	RATE S M G/L	CALCI		•
JAN 28,85 FEB 28,85 MAR 28,85 APR 23,85 MAY 21,85 JUN 18,85 JUL 16,85 AUG 13,85 SEP 10,85 OCT 8,85 NOV 5,85 DEC 3,85	JAN 2,85 JAN 28,85 FEB 28,85 MAR 28,85 APR 23,85 MAY 21,85 JUN 18,85 JUL 16,85 AUG 13,85 SEP 10,85 OCT 8,85 NOV 5,85 DEC 3,85	356.0 2340.0 1985.0 2400.0 1310.0 1390.0 1334.0 989.0 4519.0 1468.0 2714.0 2266.0	45.5 34.1 23.8 29.5 40.7 37.4 43.8 50.6 28.6 20.5 20.8 18.3 32.9	4. 4. 4. 4. 4. 4.	.04 .18 .38 .34 .17 .19 .08 .13 .29 .74 .43 .52	0.1180 0.0954 0.0711 0.0739 0.0934 0.0933 0.1140 0.01170 0.0814 0.0423 0.0595 0.0545 0.0920	1.35 1.90 1.90 2.90 4.70 4.30 5.70 2.90 2.90 1.65 1.35	1 0 0 0 0 0 0 0 0 0 0	.26 .63 .47 .48 .75 .45 .49	0.10 0.00 0.22 0.33 0.55 0.10 0.11 0.61 1.01 0.00	4 4 9 2 3 4 4 0 0 9 1 1 1	

STAT	ION NAME : CL	OYNE/CUMULATIVE	PRECIP.	#14			PAGE : 2	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM	PHOSPHOR
		MG/L	MG/L	MG/L	MG/L	MG/L	AS N Mg/L	MG/L
JAN 28,85		0.29	0.42	0.035	0.030	0.165	0.160	0.026
FEB 28,85		0.21	0.18	<t 0.015<="" td=""><td>0.025</td><td>0.090</td><td>0.110</td><td><t 0.005<="" td=""></t></td></t>	0.025	0.090	0.110	<t 0.005<="" td=""></t>
MAR 28,85		0.12	0.30	0.030	<t 0.005<="" td=""><td>0.045</td><td>0.230</td><td><t 0.003<="" td=""></t></td></t>	0.045	0.230	<t 0.003<="" td=""></t>
APR 23,85		0.15	0.41	0.050	0.030	0.075	0.310	<t 0.001<="" td=""></t>
MAY 21,85		0.07	0.81	0.085	0.040	0.025	0.700	0.020
JUN 18,85		0.08	0.61	D 0.020	0.055	<t 0.015<="" td=""><td>0.470</td><td>0.008</td></t>	0.470	0.008
JUL 16,85		0.09	0.36	0.035	0.055	0.010	0.350	<t 0.002<="" td=""></t>
AUG 13,85		0.18	0.85	0.085	D 0.040	0.020	0.755	0.013
SEP 10,85	AUG 13,85	<t 0.04<="" td=""><td>LG 0.22</td><td>0.015</td><td><t 0.005<="" td=""><td><t 0.015<="" td=""><td>0.230</td><td><t 0.005<="" td=""></t></td></t></td></t></td></t>	LG 0.22	0.015	<t 0.005<="" td=""><td><t 0.015<="" td=""><td>0.230</td><td><t 0.005<="" td=""></t></td></t></td></t>	<t 0.015<="" td=""><td>0.230</td><td><t 0.005<="" td=""></t></td></t>	0.230	<t 0.005<="" td=""></t>
OCT 8,85		0.09	0.28	0.045	0.040	0.025	0.235	<t 0.005<="" td=""></t>
NOV 5,85	OCT 8,85	0.09	0.21	<t 0.005<="" td=""><td><w 0.005<="" td=""><td>0.030</td><td>0.165</td><td><t 0.001<="" td=""></t></td></w></td></t>	<w 0.005<="" td=""><td>0.030</td><td>0.165</td><td><t 0.001<="" td=""></t></td></w>	0.030	0.165	<t 0.001<="" td=""></t>
DEC 3,85	NOV 5,85	0.10	0.18	<t 0.010<="" td=""><td><t 0.010<="" td=""><td>0.055</td><td>0.130</td><td><t 0.002<="" td=""></t></td></t></td></t>	<t 0.010<="" td=""><td>0.055</td><td>0.130</td><td><t 0.002<="" td=""></t></td></t>	0.055	0.130	<t 0.002<="" td=""></t>
DEC 31,85	DEC 3,85	0.22	0.26	0.015	0.035	0.115	0.195	0.006
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUHINUM
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 28,85	JAN 2,85	***	***	****	****	****	****	****
FEB 28,85	JAN 28,85	0.001	< 0.0004	0.003	0.014	0.008	< 0.0004	0.012
MAR 28,85	FEB 28,85	0.002	0.0002	0.005	0.031	0.004	< 0.0004	0.022
APR 23,85	MAR 28,85	0.004	0.0003	D 0.004	0.035	0.002	< 0.0004	0.022
MAY 21,85	APR 23,85	0.016	< 0.0002	0.010	0.257	0.013	< 0.0004	0.235
JUN 18,85	MAY 21,85	0.002	< 0.0002	0.003	0.022	0.003	< 0.0004	0.235
JUL 16,85	JUN 18,85	0.004	0.0008	0.005	0.034	0.003	< 0.0004	0.051
AUG 13,85	JUL 16,85	0.004	< 0.0002	0.008	0.056	0.007	< 0.0004	0.065
SEP 10,85	AUG 13,85	0.001	0.0009	0.002	0.016	0.003	< 0.0004	0.024
OCT 8,85	SEP 10,85	0.002	0.0010	0.009	0.067	0.003	< 0.0004	0.054
NOV 5,85	OCT 8,85	< 0.001	< 0.0002	0.003	0.008	0.002	< 0.0004	0.014
DEC 3,85	NOV 5,85	0.001	0.0003	0.003	0.044	0.003	< 0.0004	0.022
DEC 31,85	DEC 3,85	0.001	0.0004	0.002	0.021	0.002	< 0.0004	0.025
					5- 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			0.023

STAT	ION NAME : CLO	YNE/CUMULATIVE	PRECIP.	814	
REMOVAL DATE	EXPOSURE DATE	COPPER	CADMIUM	FREE H+	
		MG/L	MG/L	HG/L	
JAN 28,85	Section and the Section of the Secti	****	****	0.0912	
FEB 28,85		< 0.0003	< 0.00004	0.0661	
MAR 28,85	FEB 28,85	0.0011	0.00006	0.0417	
APR 23,85	MAR 28,85	0.0009	0.00008	0.0457	
MAY 21,85		0.0017	0.00002	0.0676	
JUN 18,85	MAY 21,85	0.0003	0.00005	0.0646	
JUL 16,85	JUN 18,85	0.0007	< 0.00002	0.0832	
AUG 13,85	JUL 16,85	0.0008	0.00003	0.0741	
SEP 10,85	AUG 13,85	0.0009	0.00005		
OCT 8,85	SEP 10,85	0.0011	0.00012	0.0513	
NOV 5,85	OCT 8,85	0.0006	0.00012	0.0182	
DEC 3,85	NOV 5,85	0.0008		0.0372	
DEC 31,85	DEC 3,85		0.00011	0.0302	
DEG 31,03	DEC 3103	0.0007	0.00010	0.0692	

PAGE: 3

į

STATION NAME : DALHOUSIE MILLS/CUMULATIVE PRECIP. #16

			COMULATIVE PRE	:CIP. #1	.6			PAGE :	1		
REMOVAL	EXPOSURE	SAMPLING	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT			
DATE	DATE	START END		DEPTH(MM)	TYPE	NUMBER	CODE	CODE	SAMPLER EFFICI-		ENTS
		HR. HR.	01-RAIN		02,03-APIOS		02-APIOS	01-MOE	ENCY	FIELD	OFFICE
		_	02-SNOW		09-AES		03-SPECIAL		(%)		
		0	3-COMP/04-OTHER	ł				OS ALS	10.1		
JAN 29,85		800 900	2	20.0	3	24412		_			
FEB 26,85		900 800	3	69.0	2	24418	2	1	***	EG	
MAR 26,85		800 900	1	77.0	2	24428	2	1	69		
APR 23,85		900 800	1	84.3	9	24434	2	1	63	CDQ	
MAY 21,85		800 1800	1	35.0	3	24441	2	1	I 55	ABCD	
JUN 18,85		1800 1800	1	46.0	3	24450	ž	•	90	ACD	
JUL 15,85		1800 1800	1	91.0	3	24457	2	1	109	400	
AUG 13,85		1800 800	1	35.0	3	24465	2	î	93	ACD	
SEP 8,85 OCT 6,85		800 1800	1	80.0	3	24471	2	î	91 89	ACD	
		1800 1800	1	75.0	3	24478	2	î	56	CD	
NOV 3,85 DEC 1,85		1800 1800	3	58.0	3	24484	ž	î	90		
DEC 31,85		1800 1800	3	79.0	2	24490	2	î	46		
DEC 31,85	DEC 1,85	1800 800	2	38.0	2	24497	2	i	88		NHCH
REMOVAL Date	EXPOSURE DATE	VOLUME	CONDUCT.		PH AB	TOTAL H+	SULPHAT			CALCIUM	
		ML	UMHO/CM	,		GRAN MG/L	MG/L	AS MG	N	MG/L	
JAN 29,85	JAN 2,85	*****	****	MA	· · · · · · · · · · · · · · · · · · ·				_	MG/L	
FEB 26,85	JAN 29,85	1567.0	36.0		.15	*****	****	***	32162	***	
MAR 26,85	FEB 26,85	1587.0	30.1		.30	0.0991	2.30	0.		***	
APR 23,85	MAR 26,85	1514.0	26.5			0.0366	1.95	0.		0.32	
MAY 21,85	APR 23,85	1029.0	30.4		.66	0.0612	4.30	0.		0.34	
JUN 18,85	MAY 21,85	1642.0	25.9		.59	0.0665	4.95	0.		D 1.04	
JUL 15,85	JUN 18,85	2755.0	21.1		.47	0.0613	3.55	0.		0.45	
AUG 13,85	JUL 15,85	1040.0	23.5		.57	0.0588	2.40	D 0.	E. E.	D 0.21	
SEP 8,85	AUG 13,85	2336.0	40.7		.23	0.1230	2.90	0.	7.17	0.34	
OCT 6,85	SEP 8,85	1384.0	LG 9.6	UG 4		0.0383	4.35 LG 1.00	0.4		0.20	
NOV 3,85	OCT 6,85	1706.0	27.2			0.0753	2.55	LG O.		***	
DEC 1,85	NOV 3,85	1180.0	LG 7.9	UG 5		0.0252	LG 0.70	0.4		0.20	
DEC 31,85	DEC 1,85	1087.0	22.1			0.0622	1.10	LG 0.1		0.07	
					The British Committee of the Committee o		1.10	0.0	20	0.38	

	WAITE - DA	LINOUSIE HIELS/C	UMULATIVE PRECIP	. #16			PAGE : 2	
REMOVAL I	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	PHOSPHOR
*		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
	N 2,85	00 to 10 to 10	***	****	***	***	****	*****
EB 26,85 J	IN 29,85	0.24	D 0.47	英铁铁铁	****	****	D 0.240	0.009
	B 26,85	0.23	0.43	0.040	<t 0.020<="" td=""><td>0.095</td><td>0.245</td><td><t 0.005<="" td=""></t></td></t>	0.095	0.245	<t 0.005<="" td=""></t>
	R 26,85	U 0.36	U 3.60	0.065	U 0.305	0.215	U 2.200	U 0.230
	R 23,85	UG 0.34	1.27	D 0.160	U 0.395	0.090	0.885	0.057
UN 18,85 M/	Y 21,85	0.16	0.87	0.060	0.110	0.060	0.560	0.011
	N 18,85	D 0.09	D 0.42	0.035	0.060	0.015	D 0.330	<t 0.002<="" td=""></t>
	IL 15,85	0.14	0.78	0.050	0.060	0.035	0.565	D 0.018
	IG 13,85	0.09	D 0.53	0.035	0.025	0.030	0.475	0.007
CT 6,85 SE	P 8,85	0.10	LG 0.14	****	0.065	0.065	LG 0.085	<t 0.004<="" td=""></t>
OV 3,85 OC	T 6,85	0.13	0.35	0.045	0.035	0.040	0.275	<₩ 0.001
EC 1,85 NO	V 3,85	0.09	0.19	<t 0.010<="" td=""><td><t 0.005<="" td=""><td>0.055</td><td>0.150</td><td><t 0.003<="" td=""></t></td></t></td></t>	<t 0.005<="" td=""><td>0.055</td><td>0.150</td><td><t 0.003<="" td=""></t></td></t>	0.055	0.150	<t 0.003<="" td=""></t>
EC 31,85 DE	C 1,85	0.23	0.25	0.040	0.075	0.145	0.145	0.006
A CONTRACT OF THE PARTY OF THE	XPOSURE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
DATE	DATE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
AN 29.85 JA	N 2.85	****	*****					3.75(-
	N 29,85	D 0.003	< 0.0003	****	****	****	*****	****
	B 26,85	0.006	0.0006	0.005	0.015	0.008	< 0.0004	0.024
	R 26,85			0.007	0.060	0.014	D 0.0007	0.060
	R 23,85	UG 0.008 0.018	0.0007 0.0005	0.010	0.071	0.003	< 0.0004	0.095
	Y 21,85	0.018	CONTRACTOR OF THE PERSON OF TH	0.012	UG 0.267	0.014	0.0005	U 0.393
	N 18.85	0.005	0.0013	0.004	0.044	0.006	0.0008	0.130
	L 15,85	0.003	0.0013	0.005	0.031	0.006	< 0.0004	0.061
	G 13,85	D 0.006	< 0.0002	0.004	0.029	0.004	< 0.0004	0.042
CT 6.85 SE			0.0006	D 0.007	0.025	0.011	< 0.0004	0.038
OV 3.85 OC	7 T. (1 T. (2 T	< 0.001	0.0004	0.003	0.018	0.010	< 0.0004	0.031
		0.002	0.0005	0.007	0.010	0.004	< 0.0004	0.029
EC 1,85 NO		D 0.004	< 0.0002	0.002	0.019	0.003	< 0.0004	0.036
C 31,85 DE	C 1,85	0.003	0.0015	0.005	0.029	0.003	< 0.0004	0.031

STATION NAME : DALHOUSIE MILLS/CUMULATIVE PRECIP. \$16	STATION NAME	: DALHOUSIE	MILLS/CUMULATIVE	PRECIP.	#16
--------------------------------------------------------	--------------	-------------	------------------	---------	-----

	MOVAL DATE		POSURE DATE		COPPER	į	CADMIUM		FREE	H+
					MG/L		MG/L		MG/	L
	29,85	JAN	2,85		****		****		***	N-16
	26,85	JAN	29,85	<	0.0003		0.00013		0.07	
MAR	26,85	FEB	26,85		0.0018		0.00019		0.05	
APR	23,85	MAR	26,85		0.0013		0.00024	U	0.00	-
MAY	21,85	APR	23,85		0.0130	UG		LG	0.02	_
JUN	18,85	MAY	21,85		0.0011	UG			0.02	
JUL	15,85	JUN	18,85		0.0019		0.00002		0.03	-
AUG	13,85	JUL	15,85		0.0015	<			0.02	
SEP	8,85	AUG	13,85		0.0006		0.00009		0.05	5.22
OCT	6,85	SEP	8,85	D	0.0027	UG	0.00021	LG	0.01	
NOV	3,85	OCT	6,85		0.0002	-	0.00020	LO	0.04	-
DEC	1,85	NOV	3,85		0.0003		0.00004	LG	0.00	-
DEC	31,85	DEC	1,85		0.0020		0.00022	Lu	0.043	

PAGE 1 3

STATION NAME : GOLDEN LAKE/CUMULATIVE PRECID

SIAII	ION NAME : G	OLDEN LAK	E/CUMUL	ATIVE PRECIP	#1	.7			PAGE :	1			
REMOVAL DATE	EXPOSURE DATE	SAMPLI START HR.	NG END HR.	SAMPLE TYPE 01-RAIN 02-SNOW	GAUGE DEPTH(MM)	GAUGE TYPE 02,03-APIOS 09-AES	SAMPLE NUMBER	PROJECT CODE 02-APIOS	SUBPROJECT CODE 01-HOE	SAMPLER EFFICI- ENCY	COM FIELD	MENTS OFFICE	
			03-	COMP/04-OTHER	ł	U7-AES		03-SPECIAL	03-AES	(X)			
JAN 29,85	JAN 2,85	830	745			_							
FEB 26,85	JAN 29,85	745	730	2 3	38.0	2	24414	2	1	***	GE		
MAR 26,85	FEB 26,85	735	735	3	54.0	2	24419	2	1	96	C		
APR 23,85	MAR 26,85	735	730	3	80.0	2	24429	2	1	78			
MAY 21,85	APR 23,85	730	630		87.0	9	24435	2	1	I 101	C		
JUN 18,85	MAY 21,85	630	825	1	42.0	3	24442	2	1	88	C		
JUL 16,85	JUN 18,85		1000	1	60.0	3	24451	2	1	84	C		
AUG 13,85	JUL 16,85		1925	i	26.0	3	24458	2	1	90	C		
SEP 10,85	AUG 13,85	1925	730	_	55.0	3	24466	2	.1	81	BC	C	
OCT 8,85	SEP 10,85	730	700	1	86.0	3	24472	2	1	97	C		
NOV 5,85	OCT 8,85	700	735	1	40.0	3	24479	2	1	88			
DEC 3,85	NOV 5,85	735	730	3	46.0	3	24485	2	1	97			
DEC 31,85	DEC 3,85	20.0000	1230	3	78.3	9	24491	2	1	I 70			ı
520 52,05	DEC 3,03	730	1530	3	31.0	2	24498	2	1	68			
											(#)		5
													ı
		2.000											
REHOVAL	EXPOSURE	VOI	LUME	CONDUCT.		PH	TOTAL H+	SULPHAT	E NITA	ATE	CALCIUM	i	
DATE	DATE			Promote Section 2		LAB	GRAN			N		*	
		,	4L	UMHO/CM			MG/L	MG/L	MG	/L	MG/L		
JAN 29,85	JAN 2,85		***	***	84	***	****	****	***	***	****		
FEB 26,85	JAN 29,85		95.0	21.8	4	.37	0.0642	1.35	D 0.		****		
MAR 26,85	FEB 26,85		6.0	18.8	4	.52	0.0584	1.45	0.		0.27		
APR 23,85	MAR 26,85	286	8.0	29.3	4	.43	0.0699	3.55	õ.		0.52		
MAY 21,85	APR 23,85	120	06.0	33.1	4	.25	0.0808	3.45	ő.		0.24		
JUN 18,85	MAY 21,85	165	3.0	LG 14.9	UG 4	.64 L	0.0468	LG 1.60	o.		0.13		
JUL 16,85	JUN 18,85	76	5.0	39.7	4	.18	0.0968	4.40	ő.		0.13		
AUG 13,85	JUL 16,85	145	8.0	25.6		.55	0.0577	2.60	0.		0.34		
SEP 10,85	AUG 13,85	271	2.0	29.2		.27	0.0844	2.85	0.		0.13		
OCT 8,85	SEP 10,85	114	6.0	43.2		.01	0.1240	4.05	0.		0.13		
NOV 5,85	OCT 8,85	146	1.0	17.8		.53	0.0531	1.60	0.				
DEC 3,85	NOV 5,85	179	2.0	22.0		.40	0.0642	1.60	0.		0.11		
DEC 31,85	DEC 3,85	69	4.0	32.6		.14	0.0932	1.45			D 0.14		
						and the second	0.075	4.40	0.	63	0.25		

	ION NAME : GO	LDEN LAKE/CUMULA	TIVE PRECIP.	#17			PAGE : 2	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AHMONIUM	PHOSPHOR
		MG/L	MG/L	MG/L	MG/L	140.41	AS N	
14N 00 05					HO/ L	MG/L	MG/L	MG/L
JAN 29,85 FEB 26,85		***	保证实验	***	***	***	****	***************************************
MAR 26,85		0.18	0.17	***	****	****	0.060	****
APR 23,85		0.11	0.29	0.040	<t 0.015<="" td=""><td>0.050</td><td>0.165</td><td><t 0.005<="" td=""></t></td></t>	0.050	0.165	<t 0.005<="" td=""></t>
MAY 21,85		0.14	0.80	0.060	0.030	0.060	0.640	<t 0.004<="" td=""></t>
JUN 18,85		<t 0.04<="" td=""><td>0.75</td><td>0.040</td><td>0.025</td><td>0.035</td><td></td><td>0.010</td></t>	0.75	0.040	0.025	0.035		0.010
JUL 16,85		<t 0.06<="" td=""><td>0.22</td><td>0.030</td><td>0.045</td><td><t 0.010<="" td=""><td>0.680</td><td><t 0.005<="" td=""></t></td></t></td></t>	0.22	0.030	0.045	<t 0.010<="" td=""><td>0.680</td><td><t 0.005<="" td=""></t></td></t>	0.680	<t 0.005<="" td=""></t>
And the second second second second		0.14	0.56	0.075	U 0.155	0.060	LG 0.140	0.006
AUG 13,85	JUL 16,85	0.11	0.45	0.050	0.045	0.025	0.480	D 0.014
SEP 10,85	AUG 13,85	<t 0.06<="" td=""><td>0.23</td><td>0.020</td><td><t 0.020<="" td=""><td></td><td>0.380</td><td>0.006</td></t></td></t>	0.23	0.020	<t 0.020<="" td=""><td></td><td>0.380</td><td>0.006</td></t>		0.380	0.006
OCT 8,85	SEP 10,85	0.11	0.29	0.055	0.050	0.020	LG 0.175	0.006
NOV 5,85	OCT 8,85	<t 0.05<="" td=""><td>0.18</td><td><t 0.010<="" td=""><td><₩ 0.005</td><td>0.025</td><td>0.245</td><td><t 0.005<="" td=""></t></td></t></td></t>	0.18	<t 0.010<="" td=""><td><₩ 0.005</td><td>0.025</td><td>0.245</td><td><t 0.005<="" td=""></t></td></t>	<₩ 0.005	0.025	0.245	<t 0.005<="" td=""></t>
DEC 3,85	NOV 5,85	<t 0.06<="" td=""><td>0.19</td><td>0.015</td><td><w 0.005<="" td=""><td><t 0.020<="" td=""><td>0.140</td><td><t 0.001<="" td=""></t></td></t></td></w></td></t>	0.19	0.015	<w 0.005<="" td=""><td><t 0.020<="" td=""><td>0.140</td><td><t 0.001<="" td=""></t></td></t></td></w>	<t 0.020<="" td=""><td>0.140</td><td><t 0.001<="" td=""></t></td></t>	0.140	<t 0.001<="" td=""></t>
DEC 31,85	DEC 3,85	0.14	0.25	0.025	0.040	0.030	0.150	<t 0.002<="" td=""></t>
				0.023	0.040	0.070	0.155	<t 0.003<="" td=""></t>
REMOVAL	FVDOUD							
DATE	EXPOSURE Date	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
JAN 29,85	JAN 2,85	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
FEB 26,85	JAN 29,85	****	****	教育政策	新教育教育	***	条件条件条件	******
MAR 26,85	FEB 26,85	0.001	0.0006	0.002	0.015	D 0.001	< 0.0004	***
APR 23,85		0.002	0.0004	0.002	0.043	0.011	< 0.0004	0.016
MAY 21,85	MAR 26,85	0.006	0.0004	0.004	0.089	0.001	< 0.0004	0.034
JUN 18,85	APR 23,85	0.004	< 0.0002	0.005	0.052	0.012		0.074
JUL 16,85	MAY 21,85	0.004	< 0.0002	0.003	0.048	0.004	< 0.0004	0.040
	JUN 18,85	0.008	0.0014	0.011	0.118	0.005	< 0.0004	0.056
AUG 13,85	JUL 16,85	0.005	< 0.0002	0.004	0.036		< 0.0004	0.150
SEP 10,85	AUG 13,85	0.001	0.0004	0.005	0.027	0.005	< 0.0004	0.046
OCT 8,85	SEP 10,85	< 0.001	0.0003	0.002	0.030	0.002	< 0.0004	0.020
NOV 5,85	OCT 8,85	0.001	0.0003	0.001	0.030	0.010	< 0.0004	0.035
DEC 3,85	NOV 5,85	0.001	< 0.0002	0.002	- Section -	< 0.002	< 0.0004	0.030
DEC 31,85	DEC 3,85	0.001	0.0005	0.003	0.019	0.005	< 0.0004	0.022
18				0.003	0.016	0.003	< 0.0004	0.022

	STAT	ION N	AME : (GOLDEN L	AKE/CUMUL	ATIVE	PRECIP.	-	817	
1000	MOVAL Date		POSURE Date	•	COPPER		CADMIUM	1	FREE	H+
					MG/L		MG/L		MG/	L
	29,85	JAN			****		****		***	**
FEB	26,85	JAN	29,85	<	0.0003		0.00010		0.04	27
MAR	26,85	FEB	26,85		0.0016		0.00004		0.03	
APR	23,85	MAR	26,85		0.0009		0.00010		0.03	21.50
MAY	21,85	APR	23,85	UG	0.0076	<			0.05	
JUN	18,85	MAY	21,85		0.0006		0.00005	LG	0.02	
JUL	16,85	, JUN	18,85		0.0024		0.00003		0.06	
AUG	13,85	JUL	16,85	<	0.0003	U	0.00310		0.02	
SEP	10,85	AUG	13,85		0.0011	UG	0.00011		0.05	
OCT	8,85	SEP	10,85		0.0012	1000	0.00069		0.097	
NOV	5,85	OCT	8.85		0.0010	-	0.00005		0.029	
DEC	3,85	NOV	5.85		0.0003		0.00007		0.039	
DEC	31,85	DEC	3,85		0.0009		0.00009		0.072	

PAGE : 3

54

.

STATION NAME : SMITH'S FALLS/CUMULATIVE PRECIP. #15

REMOVAL	EXPOSURE	SAMPLING	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	CAUDI PO		PUTA
DATE	DATE	START END	TYPE	DEPTH(MM)	TYPE	NUMBER	CODE	CODE	SAMPLER EFFICI-	FIELD	OFFICE
		HR. HR.	01-RAIN		02,03-APIOS		02-APIOS	01-HOE	ENCY	FIELD	OFFICE
	*		02-SNOW		09-AES		03-SPECIAL	03-AES	(%)		
			3-COMP/04-OTHE	R							
JAN 29,85	JAN 2,85	1100 945	2	28.0	2	24411	2	1	50		
FEB 26,85	JAN 29,85	945 1030	3	59.0	2	24417	2	1	59		
MAR 26,85	FEB 26,85	1030 1310	1	64.0	2	24427	2	1	50	C	
APR 23,85	MAR 26,85	1310 940	1	74.2	9	24433	2	1	1 56	CD	
MAY 21,85	APR 23,85	940 1055	1	4.0	3	24440	2	1	U 784	ACDG	
JUN 18,85	MAY 21,85	1055 1145	1	68.0	3	24449	2	1	89	D	
JUL 16,85	JUN 18,85	1145 1100	1	60.0	3	24456	2	1	83	AD	
AUG 13,85	JUL 16,85	1100 1105	1	29.0	3	24464	2	1	86		
SEP 10,85	AUG 13,85	1105 1000	1	110.0	3	24470	2	1	80	C	
OCT 8,85	SEP 10,85	1000 1115	1	44.0	3	24476	2	1	79	CD	
NOV 5,85	OCT 8,85	1115 1050	3	62.0	3	24483	2	1	70		
DEC 3,85	NOV 5,85	1050 1010	3	65.0	2	24489	2	1	94		
DEC 31,85	DEC 3,85	1010 1014	2	38.0	2	24496	2	1	52		
										140	
REMOVAL	EXPOSURE	VOLUME	CONDUCT		PH	TOTAL H+	SULPHAT	E NITI	RATE	CALCIUM	
DATE	DATE				.AB	GRAN			N		
		ML	UMHO/C	4		MG/L	MG/L		J/L	MG/L	
JAN 29,85	JAN 2,85	457.0	42.7			0.1110	0.90	UG 1	21	0.11	
FEB 26,85	JAN 29,85	1147.0	32.3		.19	0.0906	1.90	0	55	***	
MAR 26,85	FEB 26,85	1042.0	26.2	4	. 35	0.0770	2.05	0	55	0.26	
APR 23,85	MAR 26,85	1357.0	26.5	4	.40	0.0746	2.75	0	54	0.37	
MAY 21,85	APR 23,85	1019.0	37.0	4	.25	0.0875	4.35	0.	74	0.50	
JUN 18,85	MAY 21,85	1982.0	25.0		.48	0.0657	2.80	0	39	0.23	
JUL 16,85	JUN 18,85	1625.0	34.9	4	.27	0.0860	4.00	0	57	0.46	
AUG 13,85	JUL 16,85	812.0	46.4		.14	0.1170	4.80	0	70	0.41	
SEP 10,85	AUG 13,85	2887.0	30.0		.32	0.0842	3.10	0	37	0.17	
OCT 8,85	SEP 10,85	1130.0	LG 16.6	U		0.0255	3.10	0	57	U 1.47	
NOV 5,85	OCT 8,85	1424.0	23.8	4	.65 LG	0.0480	3.60	0	49	D 0.73	

DEC 3,85 DEC 31,85	NOV 5,85 DEC 3,85	1985.0 646.0	14.3 31.3		.64 L0	0.0435	1.00 1.95	0.	24	0.09	

STAT	TION NAME : SP	ITH'S FALLS/CUM	ULATIVE PRECIP.	#15			PAGE : 2		
REMOVAL Date	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM	PHOSPHOR	
		HG/L	MG/L	MG/L	MG/L	MG/L	AS N	CONTRACTOR CONTRACTOR	
JAN 29,85	JAN 2,85	0.39				1107 E	MG/L	MG/L	
FEB 26,85	JAN 29,85	0.24	0.18	0.020	D 0.175	0.210	0.075	0.010	
MAR 26,85	FEB 26,85	0.15	0.18	***	操作技术	被禁禁禁	0.120	<t 0.005<="" td=""><td></td></t>	
APR 23,85		0.22	0.37	0.040	0.000	0.070	0.215		
MAY 21,85	APR 23,85	0.12	0.59	0.065	0.025	0.080	0.405	<t 0.006<="" td=""><td></td></t>	
JUN 18,85		0.10	1.03	0.095	0.030	0.050	0.845	0.007	
JUL 16,85	JUN 18,85	0.12	0.46	0.050	0.045	0.050	0.370	<t 0.003<="" td=""><td></td></t>	
AUG 13,85	JUL 16,85	0.18	0.60	0.080	0.070	0.035	0.540	<t 0.003<="" td=""><td></td></t>	
SEP 10,85	AUG 13,85	<t 0.06<="" td=""><td>0.63</td><td>0.060</td><td><t 0.010<="" td=""><td>0.035</td><td>0.535</td><td><t 0.004<="" td=""><td></td></t></td></t></td></t>	0.63	0.060	<t 0.010<="" td=""><td>0.035</td><td>0.535</td><td><t 0.004<="" td=""><td></td></t></td></t>	0.035	0.535	<t 0.004<="" td=""><td></td></t>	
OCT 8,85	SEP 10,85	D 0.18	0.32	0.035	<t 0.010<="" td=""><td><t 0.020<="" td=""><td>0.280</td><td><t 0.005<="" td=""><td></td></t></td></t></td></t>	<t 0.020<="" td=""><td>0.280</td><td><t 0.005<="" td=""><td></td></t></td></t>	0.280	<t 0.005<="" td=""><td></td></t>	
NOV 5,85	OCT 8,85	0.19	0.32	U 0.535	0.055	0.050	0.205	<t 0.005<="" td=""><td></td></t>	
DEC 3,85	NOV 5,85	<t 0.04<="" td=""><td>0.39</td><td>B 0.250</td><td>0.025</td><td>0.055</td><td></td><td>D 0.016</td><td></td></t>	0.39	B 0.250	0.025	0.055		D 0.016	
DEC 31,85	DEC 3,85		0.12	<t 0.010<="" td=""><td><t 0.005<="" td=""><td>0.025</td><td>0.315</td><td>D 0.006</td><td></td></t></td></t>	<t 0.005<="" td=""><td>0.025</td><td>0.315</td><td>D 0.006</td><td></td></t>	0.025	0.315	D 0.006	
	500 3,03	UG 0.45	0.53	B 0.150	0.055	0.270	D 0.095	<t 0.001<="" td=""><td></td></t>	
					W. C. D. D. D.	0.270	0.245	0.009	
	*								1
									G
REHOVAL	EXPOSURE	MANDANA							56
DATE	DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	Atternes	
		MG/L	MO 41	*			TANADION	ALUMINUM	-
		1107 6	MG/L	MG/L	MG/L	MG/L	MG/L	100. (1	
JAN 29,85	JAN 2,85	D 0.002		# INSTALLED		2.1.7.A. 1 	HO/ L	MG/L	
FEB 26,85	JAN 29,85	0.001	0.0005	0.010	0.029	0.011	< 0.0004		
MAR 26,85	FEB 26,85	0.003	< 0.0002	0.005	0.006	0.006	< 0.0004	0.036	
APR 23,85	MAR 26,85	0.006	0.0004	0.008	0.053	0.008	0.0004	0.015	
MAY 21,85	APR 23,85	0.007	0.0006	D 0.020	0.057	0.006		0.045	
JUN 18,85	MAY 21,85		< 0.0002	0.009	0.051	0.008	< 0.0004	0.066	
JUL 16,85	JUN 18,85	0.004	0.0008	0.001	0.029	0.005	0.0004	0.057	
AUG 13,85	JUL 16,85	0.007	0.0003	0.010	0.078	0.007	< 0.0004	0.029	
SEP 10,85	AUG 13,85	0.003	< 0.0002	0.007	0.032	0.004	< 0.0004	0.107	
OCT 8,85	SEP 10,85	0.002	0.0004	0.004	0.017	< 0.001	< 0.0004	0.046	
NOV 5,85	OCT 8,85	0.001	D 0.0007	0.004	0.097	U 0.024	< 0.0004	0.020	
DEC 3,85		D 0.006	0.0004	0.008	D 0.055		< 0.0004	0.065	
	NOV 5,85 DEC 3,85	< 0.001	< 0.0002	0.002	0.014	0.006	< 0.0004	0.044	
	DCC 3,05	0.004	0.0014	0.032	0.037	0.003	< 0.0004	0.015	
				- :::: -	0.037	0.006	D 0.0008	0.019	

STAT	ION NAME : SMIT	H'S FALLS/CUM	LATIVE PRECIP.	# 15	
REMOVAL Date	EXPOSURE DATE	COPPER	CADMIUM	FREE H+	
		MG/L	MG/L	MG/L	
JAN 29,85	JAN 2,85	< 0.0006	0.00006	0.0933	
FEB 26,85	JAN 29,85	0.0008	0.00005	0.0646	
MAR 26,85	FEB 26,85	0.0023	0.00026	0.0447	
APR 23,85	MAR 26,85	0.0023	0.00040	0.0398	
MAY 21,85	APR 23,85	0.0021	< 0.00002	0.0562	
JUN 18,85	MAY 21,85	< 0.0011	0.00003	0.0331	
JUL 16,85	JUN 18,85	0.0023	0.00002	0.0537	
AUG 13,85	JUL 16,85	0.0030	0.00007	0.0724	
SEP 10,85	AUG 13,85	0.0005	UG 0.00020		
OCT 8,85	SEP 10,85	0.0011	0.00008	0.0479	
NOV 5,85	OCT 8,85	0.0011		U 0.0001	
			0.00013	0.0224	
	NOV 5,85	0.0001	0.00012	0.0229	
DEC 31,85	DEC 3,85	0.0026	0.00020	0.0562	

57

PAGE : 3

PART VI

NORTHEASTERN REGION

CUMULATIVE PRECIPITATION CHEMISTRY LISTINGS

STATE	ION NAME :	MOOSONEE/CUMULATI	VE PRECIP.	#3	9			PAGE 1	1		
REMOVAL Date	EXPOSURE DATE	SAMPLING START END HR. HR.	SAMPLE TYPE 01-Rain 02-Snow Comp/04-Other	GAUGE DEPTH(MM)	GAUGE TYPE 02,03-APIOS 09-AES	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)	COMP FIELD	ENTS OFFICE
DEC 29,85	DEC 1,85	1300 1400	2	29.7	9	35726	2	1	T 16	c	c
REMOVAL DATE	EXPOSURE DATE		CONDUCT.		PH LAB	TOTAL H+ Gran	SULPHAT		RATE	CALCIUM	
		ML	UMHO/CM			MG/L	MG/L		/L	MG/L	
DEC 29,85	DEC 1,85	159.0	8.5		5.26	0.0255	LG 0.60	0.	20	0.27	

STAT	ON NAME : MOO	SONEE/CUMULATIVE	PRECIP.	#39			PAGE : 2	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM	PHOSPHOR
		MG/L	MG/L	MG/L	MG/L	MG/L	AS N MG/L	MG/L
DEC 29,85	DEC 1,85	0.26	0.11	0.045	0.025	0.185	<t 0.005<="" td=""><td>0.010</td></t>	0.010
REMOVAL	EXPOSURE	MANGANSE	NICVE					
DATE	DATE	and the same and t	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
DEC 29,85	DEC 1,85	0.001	0.0005	U 0.033	0.058	0.008	< 0.0004	0.068

STATI	ON NAME : MOOS	DNEE/CUMULATIVE	PRECIP.	#39	
REMOVAL DATE	EXPOSURE DATE	COPPER	CADHIUM	FREE H+	
		MG/L	MG/L	HG/L	
DEC 29,85	DEC 1,85	0.0029	0.00076	0.0055	

PAGE : 3

STATION NAME : AZURE LAKE/CUMULATIVE PRECIP. #26 PAGE : 1 REMOVAL **EXPOSURE** SAMPLING SAMPLE GAUGE GAUGE SAMPLE PROJECT SUBPROJECT SAMPLER COMMENTS DATE DATE START END TYPE DEPTH(MM) TYPE NUMBER CODE CODE EFFICI-FIELD OFFICE HR. HR. 01-RAIN 02,03-APIOS 02-APIOS 01-HOE ENCY 02-SNOW 09-AES 03-SPECIAL 03-AES (%) 03-COMP/04-OTHER JAN 29,85 JAN 10,85 1130 830 2 20.0 2 35333 2 1 57 FEB 27,85 JAN 29,85 830 1000 3 68.0 2 35371 2 1 66 MAR 27,85 FEB 27,85 1000 830 3 48.0 2 35378 2 1 52 APR 24,85 MAR 27,85 830 930 3 109.0 2 35419 2 1 62 AC MAY 21,85 APR 24,85 930 1230 1 58.0 2 35456 2 1 78 ABC JUN 18,85 MAY 21,85 1230 900 1 70.0 2 35477 2 1 97 AC JUL 16,85 JUN 18,85 900 830 74.0 2 35509 2 87 C AUG 15,85 JUL 16,85 830 1200 66.0 3 35538 2 1 97 C SEP 10,85 AUG 15,85 1200 830 1 50.0 3 35582 2 1 71 AC OCT 8,85 SEP 10,85 830 930 1 70.0 3 35605 2 1 81 ABC NOV 5,85 OCT 8,85 930 1130 3 55.0 3 35644 2 1 DEC 3,85 NOV 5,85 106 BCD 1130 1215 3 104.6 2 35679 2 1 68 CD JAN 2,86 DEC 3,85 1215 1136 2 44.7 2 35711 2 1 22 C 9 REMOVAL EXPOSURE VOLUME CONDUCT. PH TOTAL H+ SULPHATE NITRATE CALCIUM DATE DATE LAB GRAN AS N ML UMHO/CM MG/L MG/L MG/L MG/L JAN 29,85 JAN 10,85 371.0 16.5 4.48 0.0504 0.80 0.34 0.04 FEB 27,85 JAN 29,85 1460.0 18.7 4.42 0.0572 0.95 0.41 <W 0.01 MAR 27,85 FEB 27,85 819.0 15.6 4.66 0.0489 1.00 0.34 APR 24,85 MAR 27,85 0.21 2223.0 17.6 4.61 0.0545 1.80 0.32 0.20 MAY 21,85 APR 24,85 1480.0 46.6 3.99 0.1220 4.55 0.52 0.14 JUN 18,85 MAY 21,85 2215.0 20.0 4.40 0.0569 2.20 0.23 0.21 JUL 16,85 JUN 18,85 2113.0 19.3 4.51 0.0577 2.15 0.25 0.20 AUG 15,85 JUL 16,85 2086.0 21.6 4.47 0.0622 2.05 0.29 0.07 SEP 10,85 AUG 15,85 1160.0 18.8 4.52 0.0536 2.20 0.20 0.12 OCT 8,85 SEP 10,85 1844.0 34.2 4.22 0.0854 3.20 0.50 NOV 5,85 OCT 8,85 0.23 1902.0 20.9 4.35 0.0688 1.70 0.27 0.13 DEC 3,85 NOV 5,85 2338.0 12.7 4.65 0.0455 0.80 0.18 JAN 2,86 DEC 3,85 0.04

4.43

0.0621

0.90

0.44

0.12

328.0

19.9

STAT	ION NAME : AZ	TURE LAKE/CUMULAT	IVE PRECIP.	#26			PAGE : 2	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AHMONIUM AS N	PHOSPHOR
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 29,85		0.20	0.11	<w 0.005<="" td=""><td><t 0.005<="" td=""><td>0.100</td><td>0.055</td><td></td></t></td></w>	<t 0.005<="" td=""><td>0.100</td><td>0.055</td><td></td></t>	0.100	0.055	
FEB 27,85	JAN 29,85	0.11	0.12	<t 0.005<="" td=""><td>0.035</td><td><t 0.015<="" td=""><td>0.090</td><td>0.022</td></t></td></t>	0.035	<t 0.015<="" td=""><td>0.090</td><td>0.022</td></t>	0.090	0.022
MAR 27,85	FEB 27,85	0.13	0.16	<t 0.015<="" td=""><td><t 0.005<="" td=""><td>0.070</td><td>0.085</td><td><t 0.004<="" td=""></t></td></t></td></t>	<t 0.005<="" td=""><td>0.070</td><td>0.085</td><td><t 0.004<="" td=""></t></td></t>	0.070	0.085	<t 0.004<="" td=""></t>
APR 24,85	MAR 27,85	0.07	0.38	0.025	<t 0.010<="" td=""><td>0.030</td><td>0.310</td><td>0.010</td></t>	0.030	0.310	0.010
MAY 21,85	APR 24,85	0.10	0.45	0.030	0.030	<t 0.015<="" td=""><td></td><td><t 0.005<="" td=""></t></td></t>		<t 0.005<="" td=""></t>
JUN 18,85	MAY 21,85	0.01	0.31	0.035	0.050	0.010	0.360	<t 0.003<="" td=""></t>
JUL 16,85	JUN 18,85	0.09	0.43	0.030	0.045	0.025	0.180	0.008
AUG 15,85	JUL 16,85	<t 0.06<="" td=""><td>0.33</td><td>0.035</td><td>0.020</td><td><t 0.020<="" td=""><td>0.280</td><td>0.014</td></t></td></t>	0.33	0.035	0.020	<t 0.020<="" td=""><td>0.280</td><td>0.014</td></t>	0.280	0.014
SEP 10,85	AUG 15,85	0.09	0.50	0.025	0.065	<t 0.020<="" td=""><td>0.225</td><td>0.012</td></t>	0.225	0.012
OCT 8,85	SEP 10,85	0.09	0.35	0.030	0.045	<t 0.020<="" td=""><td>0.205</td><td>0.024</td></t>	0.205	0.024
NOV 5,85	OCT 8,85	<t 0.05<="" td=""><td>0.11</td><td>0.025</td><td><t 0.005<="" td=""><td><t 0.020<="" td=""><td>0.295</td><td><t 0.002<="" td=""></t></td></t></td></t></td></t>	0.11	0.025	<t 0.005<="" td=""><td><t 0.020<="" td=""><td>0.295</td><td><t 0.002<="" td=""></t></td></t></td></t>	<t 0.020<="" td=""><td>0.295</td><td><t 0.002<="" td=""></t></td></t>	0.295	<t 0.002<="" td=""></t>
DEC 3,85	NOV 5,85	<t 0.03<="" td=""><td>0.13</td><td><t 0.005<="" td=""><td><t 0.005<="" td=""><td>0.020</td><td>0.080</td><td><t 0.005<="" td=""></t></td></t></td></t></td></t>	0.13	<t 0.005<="" td=""><td><t 0.005<="" td=""><td>0.020</td><td>0.080</td><td><t 0.005<="" td=""></t></td></t></td></t>	<t 0.005<="" td=""><td>0.020</td><td>0.080</td><td><t 0.005<="" td=""></t></td></t>	0.020	0.080	<t 0.005<="" td=""></t>
JAN 2,86	DEC 3,85	0.23	<t 0.06<="" td=""><td>0.020</td><td><w 0.005<="" td=""><td>0.020</td><td>0.035 <w 0.005<="" td=""><td>0.010 0.006</td></w></td></w></td></t>	0.020	<w 0.005<="" td=""><td>0.020</td><td>0.035 <w 0.005<="" td=""><td>0.010 0.006</td></w></td></w>	0.020	0.035 <w 0.005<="" td=""><td>0.010 0.006</td></w>	0.010 0.006
	¥							
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUHINUH N
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HG/L
JAN 29,85	JAN 10,85	0.001	0.0006	0.005	0.035	0.008	< 0.0004	
FEB 27,85	JAN 29,85	< 0.001	0.0003	0.003	0.007	0.007	< 0.0004	0.030
MAR 27,85	FEB 27,85	0.002	< 0.0002	0.007	0.026	0.008	< 0.0004	0.021 0.042
APR 24,85	MAR 27,85	0.002	0.0003	0.003	0.030	0.007	< 0.0004	0.032
MAY 21,85	APR 24,85	UG 0.014	0.0020	0.005	0.121	0.008	< 0.0004	0.119
JUN 18,85	MAY 21,85	0.004	0.0004	0.001	0.035	0.004	0.0004	
JUL 16,85	JUN 18,85	0.003	0.0002	0.005	0.038	0.002	< 0.0004	0.041
AUG 15,85	JUL 16,85	0.003	0.0005	0.006	0.042	0.004	0.0004	0.037 0.030
SEP 10,85	AUG 15,85	0.001	0.0006	0.002	0.069	0.006	< 0.0004	0.030
OCT 8,85	SEP 10,85	0.002	0.0005	0.011	0.015	0.001	< 0.0004	0.048
NOV 5,85	OCT 8,85	< 0.001	0.0005	0.003	0.006	0.010	< 0.0004	0.021
DEC 3,85	NOV 5,85	< 0.001	0.0004	0.001	0.011	0.001	< 0.0004	0.012
JAN 2,86	DEC 3,85	0.001	0.0004	0.005	0.038	0.004	< 0.0004	0.042

STATION NAME : AZURE LAKE/CUMULATIVE PRECIP. #26 REMOVAL **EXPOSURE** COPPER CADMIUM FREE H+ DATE DATE MG/L MG/L MG/L JAN 29,85 JAN 10,85 0.0005 0.00004 0.0331 FEB 27,85 JAN 29,85 < 0.0003 0.00005 0.0380 MAR 27,85 FEB 27,85 0.0034 0.00007 0.0219 APR 24,85 MAR 27,85 0.0021 0.00006 0.0245 MAY 21,85 APR 24,85 D 0.0013 UG 0.00015 0.1023 JUN 18,85 MAY 21,85 0.0013 0.00006 0.0398 JUL 16,85 JUN 18,85 0.0016 0.00006 0.0309 AUG 15,85 JUL 16,85 0.0007 0.00005 0.0339 SEP 10,85 AUG 15,85 0.0047 0.00005 0.0302 OCT 8,85 SEP 10,85 0.0005 0.00007 0.0603 NOV 5,85 OCT 8,85 0.0010 0.00004 0.0447 DEC 3,85 NOV 5,85 0.0012 0.00006 0.0224 JAN 2,86 DEC 3,85 0.0020 0.00009 0.0372

PAGE : 3

- 63

STATION NAME : BEAR ISLAND/CUMULATIVE PRECIP. 224 PAGE : 1 REMOVAL **EXPOSURE** SAMPLING SAMPLE GAUGE GAUGE SAMPLE PROJECT SUBPROJECT SAMPLER COMMENTS DATE DATE START END TYPE DEPTH(MM) TYPE NUMBER CODE CODE EFFICI-FIELD OFFICE HR. HR. 01-RAIN 02,03-APIOS 02-APIOS 01-HOE ENCY 02-SNOW 09-AES 03-SPECIAL 03-AES (X) 03-COMP/04-OTHER JAN 29,85 JAN 2,85 1015 1100 18.0 2 35363 2 1 81 FEB 26,85 JAN 29,85 1100 1145 3 75.0 2 35364 2 1 68 MAR 26,85 FEB 26,85 1145 1140 58.0 35399 2 APR 24,85 MAR 26,85 1 50 1140 1921 95.0 35452 2 1 U 2 MAY 21,85 APR 24,85 1921 930 27.1 35480 2 1 1 177 JUL 29,85 BCD JUN 19,85 1626 1030 90.0 2 35506 2 1 108 AUG 13,85 JUL 29,85 ABCD 1030 1142 **** 35541 2 SEP 10,85 AUG 13,85 *** E 1142 740 1 66.0 35578 2 I 31 OCT 8,85 SEP 10,85 ABCD 740 1705 29.0 3 35610 2 U 112 NOV 15,85 OCT 8,85 GABCD 1705 1305 50.0 2 35651 2 119 DEC 3,85 NOV 15,85 1305 1700 2 107.6 2 35718 2 U 49 FCDG JAN 7,86 DEC 31,85 1700 1020 2 28.8 2 35717 2 U 24 1 6 4 REMOVAL **EXPOSURE** VOLUME CONDUCT. PH TOTAL H+ SULPHATE NITRATE CALCIUM DATE DATE . LAB GRAN AS N ML UMHO/CM MG/L MG/L MG/L MG/L JAN 29,85 JAN 2,85 476.0 22.9 4.32 0.0766 0.85 0.56 0.10 FEB 26,85 JAN 29,85 1675.0 21.3 4.36 0.0674 1.25 0.40 MAR 26,85 FEB 26,85 <T 6.01 942.0 29.8 4.36 0.0804 2.40 0.58 APR 24,85 MAR 26,85 0.28 86.0 *** 4.19 **** *** -*** MAY 21,85 APR 24,85 1565.0 D 22.7 4.37 0.0585 D 2.75 0.29 0.22 JUL 29,85 JUN 19,85 3166.0 LG 14.2 UG 5.05 LG 0.0309 2.50 0.20 AUG 13,85 JUL 29,85 0.16 0.0 *** 報報報報報 **** *** *** SEP 10,85 AUG 13,85 *** 669.0 29.3 4.38 0.0698 4.20 0.42 OCT 8,85 SEP 10,85 0.12 1059.0 36.2 4.36 0.0805 5.00 0.71 NOV 15,85 OCT 8,85 U 1.10 1940.0 24.5 4.35 0.0645 2.20 0.33 DEC 3,85 NOV 15,85 0.18 1717.0 15.9 4.54 LG 0.0504 1.15 JAN 7,86 DEC 31,85 0.25 0.07 232.0 28.8 4.31 0.0862 2.00 0.59 0.16

.....

STAT	ION NAME : BE	AR ISLAND/CUMULA	TIVE PRECIP.	#24			PAGE : 2		
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	APHONIUM	PHOSPHOR	
		MG/L	MG/L	MG/L	MG/L	MG/L	AS N		
					nor L	HG/ L	MG/L	MG/L	
JAN 29,85		0.23	0.11	<t 0.015<="" td=""><td>0.030</td><td>0.030</td><td>0.070</td><td><t 0.004<="" td=""><td></td></t></td></t>	0.030	0.030	0.070	<t 0.004<="" td=""><td></td></t>	
FEB 26,85		0.14	0.13	<t 0.010<="" th=""><th><t 0.030<="" th=""><th>0.050</th><th>0.110</th><th><7 0.002</th><th></th></t></th></t>	<t 0.030<="" th=""><th>0.050</th><th>0.110</th><th><7 0.002</th><th></th></t>	0.050	0.110	<7 0.002	
MAR 26,85		0.17	0.35	0.025	0.090	0.060	0.265		
APR 24,85		***	教育技術教	****	****	****	UG 2.800	0.024	
MAY 21,85	The state of the s	0.06	0.58	0.035	0.095	0.070	0.355		
JUL 29,85	JUN 19,85	0.14	1.10	0.040	0.190	0.060		0.024	
AUG 13,85	JUL 29,85	张张张张	***	***	****	特别领别	0.605	0.077	
SEP 10,85	AUG 13,85	0.11	1.26	0.060	0.155	0.070	****		
OCT 8,85	SEP 10,85	0.20	0.58	UG 0.165	U 1.380	0.080	0.755	D 0.067	
NOV 15,85	OCT 8,85	<t 0.06<="" td=""><td>0.25</td><td>0.030</td><td>0.065</td><td>0.030</td><td>0.155</td><td>D 0.136</td><td></td></t>	0.25	0.030	0.065	0.030	0.155	D 0.136	
DEC 3,85	NOV 15,85	0.18	0.10	<t 0.005<="" td=""><td><t 0.010<="" td=""><td>0.060</td><td>0.190</td><td><t 0.005<="" td=""><td></td></t></td></t></td></t>	<t 0.010<="" td=""><td>0.060</td><td>0.190</td><td><t 0.005<="" td=""><td></td></t></td></t>	0.060	0.190	<t 0.005<="" td=""><td></td></t>	
JAN 7,86	DEC 31,85	UG 0.53	0.29	0.030	0.030	UG 0.390	0.070 0.190	<t 0.004<br="">UG 0.064</t>	
	*-								
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUHINUH	- 65
**** ** **		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
JAN 29,85	JAN 2,85	0.002	0.0012	0.010	0.103	0.021	< 0.0004	0.059	
FEB 26,85	JAN 29,85	0.001	0.0004	0.005	0.011	0.005	< 0.0004	0.052 0.021	
MAR 26,85	FEB 26,85	0.002	0.0004	0.005	0.038	0.012	< 0.0004	0.050	
APR 24,85	MAR 26,85	****	新新新新新	****	***	****	*****	****	
MAY 21,85	APR 24,85	0.004	0.0006	0.005	0.033	0.004	0.0007	0.038	
JUL 29,85	JUN 19,85	0.003	0.0005	0.008	0.028	0.003	< 0.0004		
AUG 13,85	JUL 29,85	****	被英族被實施	****	***	****	*****	0.023	
SEP 10,85	AUG 13,85	0.006	0.0008	0.015	0.100	0.005	< 0.0004	D 0.100	
OCT 8,85	SEP 10,85	U 0.020	0.0023	0.026	0.047	0.001	0.0004		
NOV 15,85	OCT 8,85	0.002	0.0008	0.004	0.017	0.009	< 0.0004	0.043	
DEC 3,85	NOV 15,85	0.001	0.0004	0.005	0.010	0.001	< 0.0004	0.020	
JAN 7,86	DEC 31,85	0.003	0.0043	0.010	0.111	0.015	< 0.0004	0.017	
						0.013	· 0.0004	0.112	

	STAT	ON NAME : BEA	R ISLAND/CUMULA	TIVE PRECIP.	#24
RI	DATE	EXPOSURE DATE	COPPER	CADMIUM	FREE H+
			MG/L	MG/L	MG/L
	29,85	JAN 2,85	0.0029	0.00013	0.0479
	26,85	JAN 29,85	0.0009	0.00011	0.0437
MAI	26,85	FEB 26,85	0.0015	0.00011	0.0437
	24,85	MAR 26,85	****	*****	0.0646
MAY	21,85	APR 24,85	0.0023	0.00013	0.0427
JUL	. 29,85	JUN 19,85	0.0024	0.00011	LG 0.0089
AUG	13,85	JUL 29,85	****	*****	*****
SEP	10,85	AUG 13,85	0.0031	0.00015	0.0417
OCT	8,85	SEP 10,85	0.0005	0.00014	0.0437
NOV	15,85	OCT 8,85	0.0017	0.00008	0.0447
DEC	3,85	NOV 15,85	0.0067	0.00018	0.0288
JAN	7,86	DEC 31,85	UG 0.0258	0.00033	0.0288

66

PAGE: 3

STATION NAME : GOWGANDA/CUMULATIVE PRECIP. #25 PAGE : 2 REMOVAL EXPOSURE CHLORIDE KJELDAHL MAGNESIM POTASSIM SODIUM AMMONIUM **PHOSPHOR** DATE DATE AS N AS N MG/L MG/L MG/L MG/L MG/L MG/L MG/L JAN 29,85 JAN 2,85 0.14 *** <T 0.010 <T 0.015 0.030 0.150 **** FEB 26,85 JAN 29,85 0.10 0.10 <T 0.005 0.035 <T 0.010 0.070 <T 0.003 MAR 26,85 FEB 26,85 0.08 0.30 <T 0.010 <T 0.020 0.045 0.160 0.009 APR 23,85 MAR 26,85 0.07 0.32 0.020 0.020 0.035 0.255 <T 0.005 MAY 21,85 APR 23,85 0.08 0.26 0.020 0.025 <T 0.020 0.170 0.008 JUN 18,85 MAY 21,85 D 0.04 0.49 0.055 0.080 0.015 0.260 0.013 JUL 16,85 JUN 18,85 <T 0.05 0.17 <T 0.005 0.025 <T 0.015 0.105 0.008 AUG 13,85 JUL 16,85 B 0.75 0.60 0.030 D 0.180 B 0.725 <T 0.010 D 0.047 SEP 10,85 AUG 13,85 <T 0.05 0.28 0.015 0.020 <T 0.015 0.230 <T 0.002 OCT 8,85 SEP 10,85 0.08 0.38 0.030 0.025 <T 0.010 0.335 <T 0.002 NOV 5,85 OCT 8,85 <T 0.05 0.32 0.030 D 0.070 <T 0.005 0.125 B 0.037 DEC 3,85 NOV 5,85 0.11 0.07 <W 0.005 0.025 0.075 <₩ 0.005 0.008 DEC 31,85 DEC 3,85 0.28 0.16 0.015 <W 0.005 0.185 <T 0.005 B 0.030 REMOVAL **EXPOSURE** MANGANSE NICKEL ZINC IRON LEAD VANADIUM ALUMINUM DATE DATE HG/L MG/L MG/L MG/L MG/L MG/L MG/L JAN 29,85 JAN 2,85 **** *** *** **** *** *** **** FEB 26,85 JAN 29,85 < 0.001 0.0003 < 0.004 0.009 0.010 < 0.0004 0.024 MAR 26,85 FEB 26,85 0.002 < 0.0002 0.003 0.033 0.006 < 0.0004 0.054 APR 23,85 MAR 26,85 0.002 < 0.0002 0.002 0.026 0.004 < 0.0004 0.030 MAY 21,85 APR 23,85 0.002 < 0.0002 0.002 0.023 0.007 < 0.0004 0.030 JUN 18,85 MAY 21,85 D 0.009 0.0045 0.003 0.052 0.007 0.0004 0.070 JUL 16,85 JUN 18,85 0.002 < 0.0002 0.003 0.012 0.002 D 0.0005 0.018 AUG 13,85 JUL 16,85 0.003 0.0008 0.011 0.044 0.004 0.0004 0.032 SEP 10,85 AUG 13,85 < 0.001 0.0005 0.002 0.013 0.006 < 0.0004 0.029 OCT 8,85 SEP 10,85 0.002 0.0003 0.003 0.018 0.001 < 0.0004 0.019 NOV 5,85 OCT 8,85 < 0.001 0.0006 0.009 0.006 0.005 < 0.0004 0.009 DEC 3,85 NOV 5.85 < 0.001 0.0003 0.001 0.010 0.001 < 0.0004 0.021 DEC 31,85 DEC 3,85 0.002 0.0011 0.007 0.036 0.005 < 0.0004 0.066

67.

STAT	ION NAME : G	OWGANDA/CUMULA	TIVE PRECIP.	#2!	5			PAGE	: 1		
REMOVAL DATE	EXPOSURE DATE	SAMPLING START END HR. HR.	SAMPLE TYPE 01-RAIN 02-SNOW 3-COMP/04-OTHER	GAUGE DEPTH(MM)	GAUGE TYPE 02,03-APIOS 09-AES	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)	COMM FIELD	ENTS OFFICE
JAN 29,85 FEB 26,85 MAR 26,85 APR 23,85 MAY 21,85 JUN 18,85 JUL 16,85 AUG 13,85 SEP 10,85 OCT 8,85 NOV 5,85 DEC 31,85	JAN 2,85 JAN 29,85 FEB 26,85 MAR 26,85 APR 23,85 MAY 21,85 JUN 18,85 JUL 16,85 AUG 13,85 SEP 10,85 OCT 8,85 DCT 8,85 DEC 3,85	1137 1045 1045 1010 1010 1630 800 1210 1210 1515 1515 910 910 945 945 1000 1000 955 955 1015 1015 1610 1610 805	2 3 3 3 1 1 1 1 1 1 1 1 3 2 2	19.0 66.0 35.0 86.0 41.1 52.0 81.0 74.0 41.0 47.0 64.1 70.7 18.4	2 2 2 2 9 2 3 3 3 9 2 2	35337 35362 35461 35460 35462 35471 35514 35545 35573 35611 35648 35682 35706	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 1 1 1 1 1 1 1 1	20 51 56 66 I 121 98 U 49 U 37 93 96 I 87 60 34	C C ABC CD GCD GCD C ABCD CD C	N C
REMOVAL DATE	EXPOSURE DATE	VOLUHE ML	CONDUCT.		PH AB	TOTAL H+ Gran HG/L	SULPHATE MG/L		TRATE AS N 4G/L	CALCIUM MG/L	
MAY 21,85 JUN 18,85 JUL 16,85 AUG 13,85 SEP 10,85 OCT 8,85 NOV 5,85 DEC 3,85	JAN 2,85 JAN 29,85 FEB 26,85 MAR 26,85 APR 23,85 MAY 21,85 JUL 16,85 AUG 13,85 SEP 10,85 OCT 8,85 NOV 5,85 DEC 3,85	125.0 1100.0 643.0 1852.0 1623.0 1665.0 1305.0 896.0 1251.0 1480.0 1827.0 1388.0 204.0	22.4 15.6 20.5 19.6 32.5 D 35.7 LG 6.6 10.6 29.0 40.3 15.0 9.3 22.9	4, 4, 5, 5, 4, 4,	. 34 . 48 . 34 . 41 . 13 . 16 . 09 . 09 . 26 . 13 . 56 68 33	0.0792 0.0533 0.0646 0.0600 0.0931 0.0948 0.0258 0.0287 0.0730 0.1060 0.0510 0.0481 0.0706	1.75 0.85 1.50 2.05 3.55 4.00 LG 0.60 1.45 2.85 3.95 1.35 0.85	D 00 LG 00 LG 00 LG 00 LG 00	0.44 0.32 0.44 0.31	0.07 0.10 0.09 0.14 0.08 0.40 7 0.03 0.10 0.06 0.24	

	STATI	ON NAME :	GOWGANDA/CUMULATIVE	PR	ECIP.	#25		
	OVAL	EXPOSURI DATE	COPPER		CADMIUM	FREE	H+	F
			MG/L		MG/L	MG/	L	
	29,85	JAN 2,85	*****		***	0.04	57	
FEB	26,85	JAN 29,85	0.0004		0.00013	0.03	31	
MAR	26,85	FEB 26,85	0.0069	<	0.00002	0.04		
APR	23,85	MAR 26,85	< 0.0003	<	0.00002	0.03		
MAY	21,85	APR 23,85	0.0005		0.00002	0.07		
JUN	18,85	MAY 21,85	0.0012		0.00011	0.06		
JUL	16,85	JUN 18,85			0.00002	0.00	2125	
AUG	13,85	JUL 16,85		UG	0.00053	0.00		
SEP	10,85	AUG 13,85			0.00009	0.05	_	
OCT	8,85	SEP 10,85			0.00010			
NOV	5,85	OCT 8,85				0.074	100	
DEC	3,85		7.777		0.00003	0.027	2000	
					0.00010	0.020	9	
DEC	31,85	DEC 3,85	0.0046		0.00015	0.046	58	

69

PAGE 1 3

STATI	ON NAME : K	ILLARNEY/CUMULA	TIVE PRECIP.	#23				PAGE :	1		
REMOVAL DATE	EXPOSURE DATE	SAMPLING START END HR. HR.	SAMPLE TYPE 01-RAIN 02-SNOW -COMP/04-OTHER		GAUGE TYPE 02,03-APIOS 09-AES	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLES EFFICI- ENCY (%)	-	ENTS OFFICE
JAN 29,85 FEB 28,85 MAR 28,85 APR 25,85 HAY 21,85 JUN 18,85 JUL 17,85 AUG 13,85 SEP 10,85 OCT 8,85 NOY 15,85 DEC 3,85 DEC 30,85	JAN 2,85 JAN 29,85 FEB 28,85 MAR 28,85 APR 25,85 MAY 21,85 JUN 18,85 JUL 17,85 AUG 13,85 SEP 10,85 SEP 10,85 NOV 15,85 DEC 3,85	1000 1200 1200 1400 1400 1300 1300 1100 1100 930 930 830 930 830 915 915 945 945 1330 1330 1430 1430 1025 1025 850	2 3 3 3 1 1 1 1 1 1 1 1 2 2 2	35.0 99.0 97.0 106.1 66.0 20.0 15.0 85.0 110.0 45.0 73.2	2 2 2 9 2 2 2 3 3 3 9 # 2	35331 35365 35380 35420 35457 35479 35507 35540 35579 35609 35654 35688 35716	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 66 65 I 95 79 121 110 87 U 10 104 U 101 *** 76	BCD CD C C C DG ABC CG GE C	NO N
REMOVAL DATE	EXPOSURE DATE	VOLUME ML	CONDUCT.	Ü	PH AB	TOTAL H+ Gran MG/L	SULPHAT	AS	RATE S N S/L	CALCIUM MG/L	
FEB 28,85 MAR 28,85 APR 25,85 MAY 21,85 JUN 18,85 JUL 17,85 AUG 13,85 SEP 10,85 OCT 8,85 NOV 15,85 DEC 3,85	JAN 2,85 JAN 29,85 FEB 28,85 MAR 28,85 APR 25,85 MAY 21,85 JUN 18,85 JUL 17,85 AUG 13,85 SEP 10,85 OCT 8,85 NOV 15,85 DEC 3,85	632.0 2125.0 2077.0 3302.0 1714.0 791.0 538.0 2420.0 374.0 1524.0 2421.0 ******	22.1 27.3 24.1 36.4 33.9 27.3 51.3 26.3 35.2 56.8 27.8	4. 4. 4. 4. 4.	30 **	0.0670 0.0810 0.0755 0.0944 0.0818 0.0605 0.0709 0.0705 0.0936 0.1360 0.0761	1.05 1.70 2.55 3.50 3.65 3.65 4.05 2.75 3.30 5.05 2.10	0. 0. 0.	50 53 56 64 59 53 57 53 57 51	0.11 <7 0.03 0.27 0.30 0.37 0.70 0.48 0.06 0.06 0.47 0.24 ************************************	

	TION NAME : KI	LLARNEY/CUMULATI	VE PRECIP.	#23			PAGE : 2	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM	PHOSPHOR
		MG/L	MG/L	MG/L			AS N	T THE STATE OF THE
			1107 E	FIG/L	MG/L	MG/L	MG/L	MG/L
JAN 29,85		0.31	0.16	<t 0.010<="" td=""><td>-7 A AAA</td><td>4</td><td></td><td></td></t>	-7 A AAA	4		
FEB 28,85		0.19	0.21	<t 0.015<="" td=""><td><t 0.020<="" td=""><td>0.170</td><td>0.085</td><td>0.026</td></t></td></t>	<t 0.020<="" td=""><td>0.170</td><td>0.085</td><td>0.026</td></t>	0.170	0.085	0.026
MAR 28,85		0.14	0.63	0.025	0.035	0.055	0.140	<t 0.005<="" td=""></t>
APR 25,85		0.15	0.56	0.050	<t 0.020<="" td=""><td>0.050</td><td>0.360</td><td>0.012</td></t>	0.050	0.360	0.012
MAY 21,85		0.10	0.60	0.065	0.025	0.060	0.490	<t 0.006<="" td=""></t>
JUN 18,85		0.08	0.68	0.135	0.030	0.040	0.525	<t 0.005<="" td=""></t>
JUL 17,85		0.19	0.86	0.135	0.070	0.080	0.410	0.031
AUG 13,85		<t 0.06<="" td=""><td>0.35</td><td></td><td>0.160</td><td>0.085</td><td>0.600</td><td>0.020</td></t>	0.35		0.160	0.085	0.600	0.020
SEP 10,85		0.11	0.39	0.025	0.020	0.020	0.290	0.008
OCT 8,85		0.20	0.58	0.040	0.025	0.035	0.320	<t 0.002<="" td=""></t>
NOV 15,85		0.14	0.30	0.065	0.080	0.030	0.535	<t 0.004<="" td=""></t>
DEC 3,85		****	****	0.035	0.060	0.085	0.235	<t 0.003<="" td=""></t>
DEC 30,85	DEC 3,85	0.27	0.22	****	张张张	张 N N N N	****	****
		4.4.	0.22	0.025	0.035	0.130	0.125	<t 0.005<="" td=""></t>
REMOVAL Date	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUHINUM
JAN 29,85	1414	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HG/L
FEB 28,85	JAN 2,85	0.002	0.0027	0.010	0.028	0.000		
MAR 28,85	JAN 29,85	0.001	0.0005	0.008	0.016	0.008	< 0.0004	0.038
APR 25,85	FEB 28,85	0.003	< 0.0002	0.017	0.033	0.009	< 0.0004	0.020
	MAR 28,85	0.003	0.0004	0.005	0.043	0.012	< 0.0004	0.038
MAY 21,85	APR 25,85	0.002	0.0004	0.004	0.048	0.011	< 0.0004	0.037
JUN 18,85	MAY 21,85	UG 0.024	0.0004	0.005	UG 0.271	0.009	< 0.0004	0.055
JUL 17,85	JUN 18,85	0.010	0.0008	0.011		0.009	0.0010	UG 0.248
AUG 13,85	JUL 17,85	0.002	0.0003	0.009	0.135	0.010	0.0005	0.121
SEP 10,85	AUG 13,85	0.002	0.0002	0.005	0.028	0.003	0.0004	0.010
OCT 8,85	SEP 10,85	0.004	0.0003	0.010	0.015	0.004	< 0.0004	0.040
NOV 15,85	OCT 8,85	< 0.001	0.0007	0.001	0.052	0.005	0.0004	0.036
DEC 3,85	NOV 15,85	****	****	****	0.020	0.007	< 0.0004	0.014
DEC 30,85	DEC 3,85	0.001	0.0009	0.007	****	***	张京京市	****
				0.007	0.064	0.005	< 0.0004	0.027
								P 1 E 70

	STAT	ON NAME : KIL	LARNEY/CUMULATIVE	PRECIP.	#23	
	MOVAL Date	EXPOSURE DATE	COPPER	CADMIUM	FREE H+	
			MG/L	MG/L	MG/L	
	29,85	JAN 2,85	UG 0.0153	0.00050	0.0437	
	28,85	JAN 29,85	0.0009	0.00009	0.0562	
	28,85	FEB 28,85	0.0017	0.00009	0.0398	
	25,85	MAR 28,85	0.0011	0.00008	0.0575	
HAY	21,85	APR 25,85	0.0003	0.00028	0.0617	
JUN	18,85	MAY 21,85	0.0018	0.00008	0.0389	
JUL	17,85	JUN 18,85	0.0027	0.00030	0.0355	
AUG	13,85	JUL 17,85	0.0004	0.00007	0.0427	
SEP	10,85	AUG 13,85	0.0011	0.00010	0.0692	
OCT	8,85	SEP 10,85	0.0005	0.00012	0.1000	
NOV	15,85	OCT 8,85	0.0012	0.00008	0.0501	
DEC	3,85	NOV 15,85	****	*****	*****	
DEC	30,85	DEC 3,85	0.0034	0.00010	0.0479	r.

- / /

PAGE : 3

STATION NAME : MATTAWA/CUMULATIVE PRECIP. #22 PAGE : 1 REMOVAL **EXPOSURE** SAMPLING SAMPLE GAUGE GAUGE SAMPLE PROJECT SUBPROJECT SAMPLER COMMENTS DATE DATE START END DEPTH(MM) TYPE TYPE NUMBER CODE CODE EFFICI-FIELD OFFICE HR. HR. 01-RAIN 02,03-APIOS 02-APIOS 01-MOE ENCY 02-SNOW 09-AES 03-SPECIAL 03-AES (X) 03-COMP/04-OTHER JAN 29,85 JAN 2,85 1430 1600 24.0 2 35330 2 1 82 MAR 4,85 JAN 29,85 1600 1500 3 97.0 2 35360 2 1 69 MAR 26,85 MAR 4,85 1500 1430 3 70.0 2 35400 2 1 61 APR 24,85 MAR 26,85 1430 730 104.8 9 35424 2 1 I 88 CD MAY 21,85 APR 24,85 730 1730 56.0 2 35454 2 79 CD JUN 19,85 MAY 21,85 1730 1745 66.0 2 35503 2 1 58 AC JUL 25,85 JUN 19,85 1745 1210 150.0 2 35504 2 U 44 DCI AUG 13,85 JUL 25,85 1210 1150 133.0 3 35543 2 1 60 CDJ SEP 10,85 AUG 13,85 1150 1100 58.0 3 35576 2 93 CDA OCT 8,85 SEP 10,85 1100 1430 3 51.1 9 35617 2 I 150 CD NOV 5,85 OCT 8,85 1430 1600 3 48.0 35642 2 85 CDB C DEC 3,85 NOV 5,85 1600 1310 81.2 3 35728 2 1 61 CD w REMOVAL **EXPOSURE** VOLUME CONDUCT. PH TOTAL H+ SULPHATE NITRATE CALCIUM DATE DATE LAB GRAN AS N ML UMHO/CM MG/L MG/L MG/L MG/L JAN 29,85 JAN 2,85 642.0 24.5 4.36 0.0682 0.95 0.63 0.10 MAR 4,85 JAN 29,85 2193.0 21.8 4.39 0.0703 1.35 0.46 0.12 MAR 26,85 MAR 4,85 1408.0 19.1 4.54 0.0561 1.35 0.39 0.25 APR 24,85 MAR 26,85 2995.0 43.3 4.18 UG 0.1040 4.50 0.81 0.48 MAY 21,85 APR 24,85 1450.0 34.1 4.19 0.0842 3.70 0.53 0.18 JUN 19,85 MAY 21,85 1251.0 LG 15.0 UG 4.84 0.0471 2.50 0.25 0.24 JUL 25,85 JUN 19,85 2182.0 LG 15.7 4.58 0.0519 1.95 0.19 0.24 AUG 13,85 JUL 25,85 2607.0 38.1 4.26 0.0939 5.35 0.45 0.55 SEP 10,85 AUG 13,85 1762.0 19.5 4.42 0.0557 2.00 0.18 0.05 OCT 8,85 SEP 10,85 2497.0 30.7 4.22 0.0872 D 2.80 0.42 0.29 NOV 5,85 OCT 8,85 1329.0 U 8.6 U 6.70 LG 0.0290 1.60 LG 0.06 0.65 DEC 3,85 NOV 5,85 1634.0 31.9 4.25 0.0861 2.60 0.62 0.19

STAT	ION NAME : MA	TTAWA/CUMULATIVE	PRECIP.	\$22			PAGE : 2	.*	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMHONIUM	PHOSPHOR	
		MG/L	MG/L	MG/L	MG/L	MG/L	AS N MG/L	HG/L	
JAN 29,85 MAR 4,85 MAR 26,85 APR 24,85 JUN 19,85 JUL 25,85 AUG 13,85 SEP 10,85 OCT 8,85	JAN 29,85 MAR 4,85 MAR 26,85 APR 24,85	0.17 0.12 0.12 0.21 0.12 0.19 0.10 0.31 <t 0.05<br="">0.08</t>	0.19 0.18 0.19 0.80 0.63 1.02 0.30 1.24 0.18	<t 0.005<br=""><t 0.015<br=""><t 0.015<br="">0.070 0.040 0.050 0.040 0.135 0.020</t></t></t>	<t 0.005<br=""><t 0.020<br=""><t 0.010<br="">0.035 0.055 0.180 0.040 0.110 0.025</t></t></t>	0.070 0.025 0.045 0.085 <t 0.020<br="">0.050 0.030 0.045</t>	0.140 0.155 0.115 0.675 0.560 0.630 0.205 0.610 0.130	0.006 <t 0.004<br="">0.008 <t 0.004<br=""><t 0.003<br="">0.075 0.006 0.162 <t 0.005<="" td=""><td></td></t></t></t></t>	
NOV 5,85 DEC 3,85	OCT 8,85 NOV 5,85	0.17	0.25 0.15 0.25	0.035 UG 0.245 0.035	<t 0.015<br="">0.185 0.050</t>	0.025 0.020 0.140	0.210 <w 0.005<br="">0.170</w>	0.007 0.017 0.019	
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	4
		MG/L	MG/L	MG/L	MG/L	HG/L	MG/L	MG/L	
JAN 29,85 MAR 4,85 MAR 26,85 APR 24,85 MAY 21,85 JUN 19,85 JUL 25,85 AUG 13,85 SEP 10,85 OCT 8,85 NOV 5,85 DEC 3,85	JAN 2,85 JAN 29,85 MAR 4,85 MAR 26,85 APR 24,85 MAY 21,85 JUN 19,85 JUL 25,85 AUG 13,85 SEP 10,85 OCT 8,85 NOV 5,85	0.003 0.002 0.002 0.006 0.004 0.006 UG 0.021 0.002 0.002 UG 0.022 0.002	0.0032 0.0004 < 0.0002 0.0003 < 0.0002 0.0015 0.0003 0.0006 0.0007 0.0007	0.006 0.007 0.004 0.011 0.005 0.019 0.009 0.007 0.004 0.004 0.006	0.057 0.025 0.036 0.071 0.045 0.036 0.086 UG 0.265 0.044 0.024 0.013	0.010 0.007 0.011 0.012 0.009 0.001 0.001 0.005 < 0.002 0.004 0.013 0.007	< 0.0004 < 0.0004 < 0.0004 < 0.0004 < 0.0004 < 0.0004 < 0.0005 < 0.0004 < 0.0004 < 0.0004 < 0.0004	0.035 0.023 0.036 0.059 0.042 0.045 0.079 UG 0.172 0.043 0.020 0.017	

	STATI	ON NA	ME :	MATTAWA/CUMULATIVE	PRECIP.	#22	
REMO	OVAL ATE	V	POSURE	COPPER	CADMIUM	FREE H+	
	112		MIC	MG/L	MG/L	MG	/L
JAN 2	29,85	JAN	2,85	0.0016	0.00006	0.04	437
MAR	4,85	JAN	29,85	0.0023	0.00006	0.04	107
MAR 2	26,85	MAR	4,85	0.0009	0.00007	0.0	885
APR 2	24,85	MAR	26,85	0.0014	0.00011	0.00	561
MAY 2	21,85	APR	24,85	0.0008	0.00009	0.00	646
JUN 1	9,85	MAY	21,85	0.0014	0.00010	LG 0.01	145
JUL 2	25,85	JUN	19,85	0.0016	0.00007	0.02	263
AUG 1	3,85	JUL	25,85	0.0004	0.00014	0.09	550
SEP 1	0,85	AUG	13,85	0.0006	0.00007	0.03	880
OCT	8,85	SEP	10,85	D 0.0010	0.00004	0.06	503
NOV	5,85	OCT	8,85	0.0024	0.00002	U 0.00	002
DEC	3,85	NOV	5,85	0.0059	0.00016	0.05	0.00

PAGE : 3

STATION NAME : MCKELLAR/CUMULATIVE PRECIP. #21 PAGE 1 1 REMOVAL **EXPOSURE** SAMPLING SAMPLE GAUGE GAUGE SAMPLE **PROJECT** SUBPROJECT DATE SAMPLER DATE COMMENTS START END TYPE DEPTH(MM) TYPE NUMBER CODE CODE EFFICI-FIELD OFFICE HR. HR. 01-RAIN 02.03-APIOS 02-APIOS 01-HOE ENCY 02-SNOW 09-AES 03-SPECIAL 03-AES (%) 03-COMP/04-OTHER JAN 29,85 JAN 2,85 840 830 2 73.0 2 35344 2 FEB 26,85 JAN 29,85 59 840 815 3 96.0 2 35366 2 MAR 26,85 FEB 26,85 1 81 C 815 830 42.0 2 35382 2 162 APR 23,85 MAR 26,85 830 800 3 126.9 35423 2 I 87 BCD MAY 21,85 APR 23,85 800 830 69.1 35459 2 1 1 72 JUN 18,85 MAY 21,85 CD 830 815 1 55.0 35478 2 40 JUL 22,85 JUN 18,85 C 820 820 78.0 35508 2 1 103 AUG 13,85 JUL 22,85 CD 820 815 89.0 3 35539 2 94 C SEP 10,85 AUG 13,85 815 825 1 97.7 9 35581 2 1 I 97 C NOV 5,85 SEP 10,85 825 830 91.5 3 35618 2 DEC 3,85 NOV 5,85 1 159 CD 830 820 1 115.6 2 35677 2 1 U 54 G DEC 31,85 DEC 3,85 820 815 73.9 35713 1 16 C 6 REMOVAL **EXPOSURE** VOLUME CONDUCT. PH TOTAL H+ SULPHATE NITRATE CALCIUM DATE DATE LAB GRAN AS N ML UMHO/CM MG/L MG/L MG/L MG/L JAN 29,85 JAN 2,85 1399.0 22.8 4.35 0.0667 0.80 FEB 26,85 JAN 29,85 0.60 0.07 2534.0 25.4 4.29 0.0744 1.35 0.53 MAR 26,85 FEB 26,85 W 0.01 2213.0 28.3 4.41 0.0729 2.25 0.68 APR 23,85 MAR 26,85 0.33 3586.0 27.6 4.42 0.0719 3.10 MAY 21,85 APR 23,85 0.56 0.43 1618.0 34.7 4.27 0.0788 4.30 JUN 18,85 MAY 21,85 0.60 0.47 722.0 33.0 4.34 0.0710 4.40 JUL 22,85 JUN 18,85 0.68 2627.0 0.62 26.0 4.40 0.0647 3.15 AUG 13,85 JUL 22,85 0.45 0.37 2718.0 34.0 4.28 0.0845 3.70 0.42 SEP 10,85 AUG 13,85 0.17 3097.0 34.7 4.18 0.0914 3.55 0.42 NOV 5,85 SEP 10,85 LG 0.06 4724.0 29.2 4.35 0.0684 2.20 0.35 DEC 3,85 NOV 5,85 0.20 2052.0 11.6 4.78 LG 0.0412 0.90 0.23 DEC 31,85 DEC 3,85 0.09 387.0 B 56.4 4.01 UG 0.1430 D 3.80

B 1.23

0.32

	TON NAME : MC	KELLAR/CUMULATI	E PRECIP.	#21			PAGE : 2	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AHHONIUH	PHOSPHOR
		MG/L	MG/L	MG/L	MG/L	MG/L	AS N Mg/L	MG/L
JAN 29,85		0.19	0.20	<t 0.005<="" td=""><td><t 0.005<="" td=""><td>0.000</td><td></td><td></td></t></td></t>	<t 0.005<="" td=""><td>0.000</td><td></td><td></td></t>	0.000		
FEB 26,85		0.19	0.19	<t 0.005<="" td=""><td><t 0.015<="" td=""><td>0.090</td><td>0.130</td><td>0.008</td></t></td></t>	<t 0.015<="" td=""><td>0.090</td><td>0.130</td><td>0.008</td></t>	0.090	0.130	0.008
	FEB 26,85	0.18	0.47	0.030	<w 0.005<="" td=""><td>0.065</td><td>0.130</td><td>0.009</td></w>	0.065	0.130	0.009
APR 23,85		0.18	0.61	0.055	0.030	0.065	0.430	0.006
MAY 21,85	APR 23,85	0.10	0.81	0.090	0.040	0.080	0.530	<t 0.004<="" td=""></t>
JUN 18,85	MAY 21,85	0.08	0.87	0.110	0.060	<t 0.015<="" td=""><td>0.675</td><td>0.010</td></t>	0.675	0.010
JUL 22,85	JUN 18,85	0.13	0.66	0.070	0.075	B 0.145	0.725	0.009
AUG 13,85	JUL 22,85	0.08	0.50	0.060	<t 0.015<="" td=""><td>0.060</td><td>0.445</td><td>0.016</td></t>	0.060	0.445	0.016
SEP 10,85	AUG 13,85	0.09	0.35	0.040	0.020	0.025	0.425	0.007
NOV 5,85	SEP 10,85	0.08	0.23	0.030	<t 0.005<="" td=""><td>0.035</td><td>0.325</td><td><t 0.002<="" td=""></t></td></t>	0.035	0.325	<t 0.002<="" td=""></t>
DEC 3,85	NOV 5,85	0.20	0.20	<t 0.010<="" td=""><td>0.040</td><td>0.025</td><td>0.195</td><td><t 0.003<="" td=""></t></td></t>	0.040	0.025	0.195	<t 0.003<="" td=""></t>
DEC 31,85	DEC 3,85	B 0.90	0.71	0.065	0.080	0.155	0.140	<₩ 0.001
					0.000	B 0.635	D 0.435	0.025
								uf
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUHINUH
****		MG/L	MG/L	MG/L	MG/L	MG/L	HG/L	MG/L
JAN 29,85	JAN 2,85	< 0.001	0.0009	0.007	0.042	0.006	× 0 0000	£ nanada
FEB 26,85	JAN 29,85	< 0.001	0.0006	0.003	0.011	0.007	< 0.0004	0.015
MAR 26,85 APR 23,85	FEB 26,85	0.003	0.0002	D 0.014	0.065	0.012	< 0.0004	0.015
	MAR 26,85	0.005	0.0003	0.006	0.073	0.009	< 0.0004	0.060
MAY 21,85 JUN 18,85	APR 23,85	0.008	< 0.0002	0.006	0.111	0.007	< 0.0004	0.067
JUL 22,85	MAY 21,85	0.010	0.0005	L 0.002	L 0.022	L 0.003	< 0.0004	0.105
AUG 13,85	JUN 18,85	0.006	0.0004	0.006	0.115	0.004	0.0005	L 0.033
SEP 10,85	JUL 22,85	0.003	0.0003	0.006	0.077	0.011	< 0.0004	0.124
NOV 5,85	AUG 13,85	0.002	< 0.0002	0.003	0.008	0.004	0.0004 < 0.0004	0.019
DEC 3,85	SEP 10,85	UG 0.015	0.0004	0.003	0.025	0.002	< 0.0004	0.021
	NOV 5,85 DEC 3,85	< 0.001 0.004	D 0.0004	D 0.004	0.011	< 0.001	< 0.0004	0.016 0.013
DEC 31,85			0.0009	0.018				

. 7

STAT	ION NAME : MCK	ELLAR/CUMULATI	VE PRECIP.	#21	
REMOVAL DATE	EXPOSURE DATE	COPPER	CADHIUM	FREE H+	
		MG/L	MG/L	MG/L	
JAN 29,85		D 0.0054	0.00022	0.0447	
FEB 26,85		0.0003	0.00007	0.0513	
MAR 26,85		0.0018	0.00009	0.0389	
APR 23,85	MAR 26,85	0.0014	0.00008	0.0380	
MAY 21,85	APR 23,85	0.0014	< 0.00002	0.0537	
JUN 18,85	MAY 21,85	L 0.0010	UG 0.00015	GII Amenia	
JUL 22,85	JUN 18,85	0.0014		0.0457	
AUG 13,85	THE RESERVE AND ADDRESS OF THE PARTY OF THE		0.00009	0.0398	
SEP 10,85		0.0003	0.00008	0.0525	
		0.0004	0.00006	0.0661	
NOV 5,85	SEP 10,85	0.0004	0.00003	0.0447	
DEC 3,85	NOV 5,85	0.0013	0.00007	0.0166	
DEC 31,85	DEC 3,85	D 0.0061	0.00036	0.0977	

PAGE : 3

,

STATION NAME : MOONBEAM/CUMULATIVE PRECIP.

乗27

PAGE I

SIAI	ION NAME ! M	OONBEAM/CUMULA	TIVE PRECIP.		27			PAGE :	1		
REMOVAL DATE	EXPOSURE DATE	SAMPLING START END HR. HR.	SAMPLE TYPE 01-RAIN 02-SNOW 3-COMP/04-OTHER	GAUGE DEPTH(MM	GAUGE) TYPE 02,03-APIC 09-AES	SAMPLE NUMBER IS	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)	FIELD	MENTS OFFICE
344 00 05	**** * **		_								
JAN 29,85		1415 1410	2	36.6	9	35332	2	1	I 22		
FEB 26,85		1410 1415	3	66.0	2	35373	2	1	U 22	e	M
MAR 26,85		1415 1440	3	12.0	2	35379	2	1	U 16	e	H
APR 23,85		1440 1320	3	38.0	2	35421	2	1	45	CD	H
MAY 21,85 JUN 18,85		1320 1410	1	41.0	2	35458	2	1	105	ACD	
JUL 22,85		1410 1145	1	50.0	2	35472	2	1	74	D	
AUG 14,85		1145 1330	1	90.0	2	35505	2	1	141		M
SEP 10,85		1330 1335	1	72.0	3	35542	2	1	83	C	
OCT 10,85		1335 1445 1445 1335	1	40.0	3	35577	2	1	70		
NOV 5,85			1	70.0	3	35614	2	1	99	CD	HCM
DEC 3,85		1335 1320 1320 1420	3	30.0	2	35645	2	1	166		N
	DEC 3,85	1420 1435	2	58.0 20.0	2	35680	2	1	51	CD	
	,	1.00	•	20.0	•	35710	2	1	U 21	G	N.
REMOVAL Date	EXPOSURE DATE	VOLUME	CONDUCT.		PH LAB	TOTAL H+ Gran	SULPHAT		RATE	CALCIUM	1.
		ML	UMHO/CM	ı		MG/L	MG/L	HG	i/L	MG/L	
JAN 29,85	JAN 3,85	271.0	10.4	UG	5.20	LG 0.0260	1.40	ñ	20	B 0.59	
FEB 26,85		474.0	19.1		4.48	0.0585	1.40		50	0.35	
MAR 26,85		65.0	UG 59.1		7.87	U 0.0077	4.00		57	****	
APR 23,85		557.0	16.7	U	6.08	U 0.0266	3.35			U 1.04	
MAY 21,85		1400.0	42.1		4.08	0.1020	4.55		54	0.37	
JUN 18,85		1205.0	17.5		4.51	0.0490	1.90		20	0.19	
JUL 22,85	JUN 18,85	4132.0	LG 7.7		4.87	0.0347	LG 0.75	LG O.		0.09	
AUG 14,85	JUL 22,85	1955.0	18.3		4.55	0.0538	1.85		22	0.07	
SEP 10,85	AUG 14,85	915.0	13.8		4.60	0.0428	1.30	0.		0.05	
OCT 10,85	SEP 10,85	2257.0	17.0		4.99	0.0331	1.90	0.		0.24	
NOV 5,85	OCT 10,85	1623.0	17.4		4.47	0.0535	1.35	0.		0.09	
DEC 3,85	NOV 5,85	962.0	13.1		4.69	0.0432	1.00	0.	16	0.11	
DEC 31,85	DEC 3,85	141.0	18.7)	4.50	0.0554	1.30	0.		0.33	

STATI	ON NAME : MO	ONBEAM/CUMULATIV	E PRECIP.	#27			PAGE : 2	
REMOVAL. DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM As n	PHOSPHOR
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 29,85	JAN 3,85	UG 0.45	0.46	0.075	0.025	B 0.270	0.055	0.014
FEB 26,85	JAN 29,85	0.24	0.19	0.060	0.040	D 0.145	0.100	D 0.012
MAR 26,85	FEB 26,85	B 0.69	0.71	****	****	****	0.270	B 0.044
APR 23,85	MAR 26,85	0.13	0.67	B 0.175	0.045	0.085	0.510	0.008
MAY 21,85	APR 23,85	0.13	0.59	0.070	0.070	0.035	0.420	0.008
JUN 18,85	MAY 21,85	0.01	0.31	0.035	0.035	0.010	0.190	0.009
JUL 22,85	JUN 18,85	<t 0.04<="" td=""><td>0.15</td><td>0.020</td><td>0.025</td><td><t 0.005<="" td=""><td>0.085</td><td><t 0.001<="" td=""></t></td></t></td></t>	0.15	0.020	0.025	<t 0.005<="" td=""><td>0.085</td><td><t 0.001<="" td=""></t></td></t>	0.085	<t 0.001<="" td=""></t>
AUG 14,85	JUL 22,85	<t 0.06<="" td=""><td>0.22</td><td>0.035</td><td><t 0.010<="" td=""><td>0.020</td><td>0.160</td><td>0.006</td></t></td></t>	0.22	0.035	<t 0.010<="" td=""><td>0.020</td><td>0.160</td><td>0.006</td></t>	0.020	0.160	0.006
SEP 10,85	AUG 14,85	<w 0.01<="" td=""><td>0.13</td><td>0.025</td><td><t 0.015<="" td=""><td><t 0.005<="" td=""><td>0.080</td><td><t 0.003<="" td=""></t></td></t></td></t></td></w>	0.13	0.025	<t 0.015<="" td=""><td><t 0.005<="" td=""><td>0.080</td><td><t 0.003<="" td=""></t></td></t></td></t>	<t 0.005<="" td=""><td>0.080</td><td><t 0.003<="" td=""></t></td></t>	0.080	<t 0.003<="" td=""></t>
OCT 10,85	SEP 10,85	0.07	0.28	0.035	0.035	0.105	0.200	0.008
NOV 5,85	OCT 10,85	<t 0.05<="" td=""><td>0.13</td><td>0.020</td><td><t 0.005<="" td=""><td>0.020</td><td>0.085</td><td><t 0.003<="" td=""></t></td></t></td></t>	0.13	0.020	<t 0.005<="" td=""><td>0.020</td><td>0.085</td><td><t 0.003<="" td=""></t></td></t>	0.020	0.085	<t 0.003<="" td=""></t>
DEC 3,85	NOV 5,85	<t 0.05<="" td=""><td>0.09</td><td><t 0.010<="" td=""><td><t 0.010<="" td=""><td>0.040</td><td>LG 0.020</td><td>0.006</td></t></td></t></td></t>	0.09	<t 0.010<="" td=""><td><t 0.010<="" td=""><td>0.040</td><td>LG 0.020</td><td>0.006</td></t></td></t>	<t 0.010<="" td=""><td>0.040</td><td>LG 0.020</td><td>0.006</td></t>	0.040	LG 0.020	0.006
DEC 31,85	DEC 3,85	0.17	0.16	D 0.055	0.020	0.110	0.085	<t 0.001<="" td=""></t>
	4							~
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 29,85	JAN 3,85	UG 0.007	0.0012	0.007	0.045	0.013	0.0004	0.042
FEB 26,85	JAN 29,85	0.004	D 0.0010	0.008	0.040	0.015	< 0.0004	D 0.070
MAR 26,85	FEB 26,85	****	教教教教教	***	***	*****	****	****
APR 23,85	MAR 26,85	UG 0.009	0.0005	0.009	U 0.220	0.012	0.0005	B 0.163
MAY 21,85	APR 23,85	0.006	0.0005	0.006	0.082	0.008	< 0.0004	0.070
JUN 18,85	MAY 21,85	0.004	0.0038	0.002	0.026	0.006	0.0004	0.021
JUL 22,85	JUN 18,85	0.001	< 0.0002	0.001	0.014	0.001	< 0.0004	0.014
AUG 14,85	JUL 22,85	0.003	< 0.0002	0.004	0.023	0.007	0.0004	0.014
SEP 10,85	AUG 14,85	0.001	< 0.0002	0.002	0.011	0.003	< 0.0004	0.020
OCT 10,85	SEP 10,85	0.003	< 0.0002	0.002	0.032	0.001	<w 0.0001<="" td=""><td>0.040</td></w>	0.040
NOV 5,85	OCT 10,85	< 0.001	< 0.0002	0.001	0.006	0.008	< 0.0004	0.012
DEC 3,85	NOV 5,85	0.001	0.0002	0.003	D 0.030	< 0.002	< 0.0004	0.025
DEC 31,85	DEC 3,85	D 0.006	0.0005	0.009	0.041	0.009	< 0.0004	0.078

œ

	STAT	ON NAME : MO	OONBEAM/CUMULATIVE	PRECIP.	#27
	MOVAL Date	EXPOSURE DATE	COPPER	CADMIUM	FREE H+
			MG/L	MG/L	MG/L
	29,85	JAN 3,85	0.0024	U 0.00190	LG 0.0063
	26,85	JAN 29,85	D 0.0028	0.00007	0.0331
	26,85	FEB 26,85	****	****	U 0.0000
	23,85	MAR 26,85	0.0040	0.00018	U 0.0008
MAY	21,85	APR 23,85	0.0002	UG 0.00014	0.0832
JUN	18,85	MAY 21,85	U 0.0022	0.00010	0.0309
JUL	22,85	JUN 18,85	0.0014	0.00003	0.0135
AUG	14,85	JUL 22,85	0.0004	0.00003	0.0282
SEP	10,85	AUG 14,85	0.0013	0.00003	0.0251
OCT	10,85	SEP 10,85	0.0003	0.00006	0.0102
NOV	5,85	OCT 10,85	0.0013	0.00006	0.0102
DEC	3,85	NOV 5,85	0.0007	0.00006	
DEC	31,85	DEC 3,85	0.0013	0.00000	0.0204

PAGE : 3

DEC 3,85 NOV 5,85

DEC 31,85 DEC 3,85

STATI	ON NAME : T	URKEY LAKE/CUML	ULATIVE PRECIP. #37				PAGE : 1				
REMOVAL DATE	EXPOSURE DATE	SAMPLING START END HR. HR.	SAMPLE TYPE I 01-RAIN 02-SNOW	GAUGE Depth(MM)	GAUGE TYPE 02,03-APIOS 09-AES	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)	FIELD	ENTS OFFICE
		03	-COMP/04-OTHER					00 1100	4333		
JAN 29,85	JAN 1,85	1200 1130	2	15.9	9	35326	2	1	I 150		
FEB 26,85	Section 1 County Section 1	1130 1130	3	24.3	9	35359	2	1	I 202		
MAR 26,85		1130 1230	3	35.0	9	35383	2	1	I 107		
APR 30,85	MAR 26,85	1230 1300	3	85.8	9	35415	2	1	I 101	BCD	
MAY 21,85	APR 30,85	1300 830	1	50.9	9	35455	2	1	1 90	ACD	
JUN 20,85		830 500	1	87.3	9	35476	2	1	1 91	BD	
JUL 16,85	JUN 20,85	500 850	1	98.7	9	35510	2	1	I 50	C	
AUG 13,85	JUL 16,85	850 945	1	94.1	9	35536	2	1	I 97		
SEP 10,85	AUG 13,85	945 1000	1	81.9	9	35583	2	1	U 5	ec.	
OCT 8,85	SEP 10,85	1000 1130	1	39.0	9	35613	2	1	I 302		
NOV 5,85	OCT 8,85	1145 930	3	69.2	9	35643	2	1	I 108	C	
DEC 3,85	NOV 5,85	930 1100		102.4	9	35678	2	1	I 65	C	
DEC 31,85	DEC 3,85	1100 1130	2	29.2	9	35709	2	1	I 190		
										ell H	
REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.		PH AB	TOTAL H+ GRAN	SULPHAT		RATE S N	CALCIUM	
		ML	UMHO/CM			MG/L	MG/L	н	G/L	MG/L	
JAN 29,85	JAN 1,85	778.0	12.9		.70	0.0413	0.80	0	.29	0.10	
FEB 26,85	JAN 29,85	1598.0	29.6		.27	0.0798	2.20	0	.70	0.14	
MAR 26,85		1218.0	28.0		.54	0.0641	3.05	0	. 75	0.43	
APR 30,85	MAR 26,85	2836.0	39.1		. 34	0.0842	5.10	0	.74	UG 0.59	
MAY 21,85	APR 30,85	1489.0	24.6		.61	0.0484	3.95	0	.59	0.80	
JUN 20,85	MAY 21,85	2593.0	22.5		.49	0.0508	2.70	0	. 38	0.25	
JUL 16,85	JUN 20,85	1611.0	19.3		.58	0.0511	2.40	0	. 36	0.35	
AUG 13,85	JUL 16,85	2988.0	B 56.4			0.1380	D 6.30	UG 0	.73	D 0.35	
SEP 10,85	AUG 13,85	152.0	23.0	4	.44	0.0555	2.65	0	. 32	0.06	
OCT 8,85	SEP 10,85	3831.0	20.6		.46	0.0608	1.80	0	. 33	0.17	
NOV 5,85	OCT 8,85	2434.0	28.7		.28	0.0770	2.65	0	. 53	B 0.52	
DEC 3.AS	NOV 5.85	2176 0	12 2		74						

4.76

4.66

0.0399

0.0412

1.00

0.80

0.24

D 0.22

0.13

0.06

12.2

12.4

2176.0

1806.0

STAT	ION NAME : TU	JRKEY LAKE/CUMULA	TIVE PRECIP.	#37			PAGE : 2	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIÚM	AMMONIUM	PHOSPHOR
	18.1	MG/L	MG/L	MG/L	MG/L	MG/L	AS N MG/L	MG/L
JAN 29,85 FEB 26,85 MAR 26,85	JAN 29,85	0.09 0.16	0.16 D 0.53	0.015 0.025	<w 0.005<br="">0.040</w>	0.035 <t 0.015<="" td=""><td>0.095 D 0.480</td><td>0.005</td></t>	0.095 D 0.480	0.005
APR 30,85 MAY 21,85	MAR 26,85	0.18 0.18 0.10	0.87 0.97 0.86	0.045	<t 0.015<br="">0.055</t>	0.075 0.085	0.790 UG 1.000	<t 0.004<br="">0.011 <t 0.004<="" td=""></t></t>
JUN 20,85 JUL 16,85	MAY 21,85 JUN 20,85	0.01 0.07	0.57 0.61	0.145 0.050 0.055	0.070 0.055 0.060	T 0.020 D 0.100	0.720 0.495	0.013
AUG 13,85 SEP 10,85 OCT 8,85	AUG 13,85	0.13 <t 0.05<="" td=""><td>0.82</td><td>D 0.105 D 0.045</td><td>0.050 0.065</td><td>0.025 0.040 0.025</td><td>0.405 0.730 0.390</td><td>0.008 0.008 0.014</td></t>	0.82	D 0.105 D 0.045	0.050 0.065	0.025 0.040 0.025	0.405 0.730 0.390	0.008 0.008 0.014
NOV 5,85 DEC 3,85	SEP 10,85 OCT 8,85 NOV 5,85	<t 0.06<br="">80.0 <t 0.03<="" td=""><td>0.18 0.36 0.15</td><td>0.025 D 0.105 D 0.030</td><td>0.030 <t 0.020<="" td=""><td><t 0.005<br="">0.025</t></td><td>0.150 0.310</td><td><t 0.003<br=""><t 0.004<="" td=""></t></t></td></t></td></t></t>	0.18 0.36 0.15	0.025 D 0.105 D 0.030	0.030 <t 0.020<="" td=""><td><t 0.005<br="">0.025</t></td><td>0.150 0.310</td><td><t 0.003<br=""><t 0.004<="" td=""></t></t></td></t>	<t 0.005<br="">0.025</t>	0.150 0.310	<t 0.003<br=""><t 0.004<="" td=""></t></t>
DEC 31,85	DEC 3,85	0.11	0.09	<t 0.015<="" td=""><td>0.020</td><td>0.025 0.095</td><td>0.065 0.080</td><td>0.007 <t 0.004<="" td=""></t></td></t>	0.020	0.025 0.095	0.065 0.080	0.007 <t 0.004<="" td=""></t>
			*					
REMOVAL Date	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUNINUM
14W 00 05	444	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 29,85 FEB 26,85 MAR 26,85	JAN 1,85 JAN 29,85 FEB 26,85	0.002 0.003 0.005	0.0010	0.003	0.021	0.009	< 0.0004 < 0.0004	0.020
APR 30,85 MAY 21,85	MAR 26,85 APR 30,85	UG 0.008 0.004	< 0.0002 0.0004 0.0004	0.018 0.009 0.006	0.063 0.073 0.130	0.004	< 0.0004 < 0.0004	0.066 0.067
JUN 20,85 JUL 16,85 AUG 13,85	MAY 21,85 JUN 20,85	0.005 0.007	0.0002 D 0.0003	0.002	0.044 0.083	0.012 0.004 0.003	< 0.0004 0.0004 < 0.0004	0.112
SEP 10,85 OCT 8,85	JUL 16,85 AUG 13,85 SEP 10,85	D 0.006 D 0.004 D 0.012	0.0007 0.0002 U 0.0020	0.009	0.048 B 0.292	0.008	0.0004 D 0.0006	0.093 0.036 B 0.219
NOV 5,85 DEC 3,85 DEC 31,85	OCT 8,85 NOV 5,85	0.004 B 0.011	0.0003	0.005 0.005	U 0.736 0.052 0.013	0.011 0.005 0.001	U 0.0032 < 0.0004 < 0.0004	U 0.487 0.059
DEC 31,85	DEC 3,85	0.001	< 0.0002	0.002	D 0.008	0.001	< 0.0004	0.016

STATION NAME : TURKEY LAKE/CUMULATIVE PRECIP. #37 REMOVAL **EXPOSURE** COPPER CADHIUM FREE H+ DATE DATE MG/L MG/L MG/L JAN 29,85 JAN 1,85 0.0013 0.00004 0.0200 FEB 26,85 JAN 29,85 < 0.0003 0.00010 0.0537 MAR 26,85 FEB 26,85 0.0012 0.00014 0.0288 APR 30,85 MAR 26,85 0.0014 0.00015 0.0457 MAY 21,85 APR 30,85 0.0005 UG 0.00012 0.0245 JUN 20,85 MAY 21,85 0.0013 0.00006 0.0324 JUL 16,85 JUN 20,85 0.0005 0.00005 0.0263 AUG 13,85 JUL 16,85 0.0004 0.00010 0.0891 SEP 10,85 AUG 13,85 0.0028 UG 0.00011 0.0363 OCT 8,85 SEP 10,85 0.0009 0.00007 0.0347 NOV 5,85 OCT 8,85 0.0012 0.00006 0.0525 DEC 3,85 NOV 5,85 0.0009 0.00008 0.0174 DEC 31,85 DEC 3,85 0.0004 0.00006 0.0219

PAGE 1 . 3

- 84

STATION NAME : WHITNEY/CUMULATIVE PRECIP. #19 PAGE : 1 REMOVAL **EXPOSURE** SAMPLING SAMPLE GAUGE GAUGE SAMPLE PROJECT SUBPROJECT SAMPLER COMMENTS DATE DATE START END TYPE DEPTH(MM) TYPE NUMBER CODE CODE EFFICI-HR. HR. 01-RAIN 02,03-APIOS 02-APIOS 01-MOE ENCY 02-SNOW 09-AES 03-SPECIAL 03-AES (X) 03-COMP/04-OTHER JAN 29,85 JAN 2,85 930 1430 2 33.0 2 29403 1 U 76 FJ FEB 26,85 JAN 29,85 1430 1100 78.0 2 29413 2 U 27 FI MAR 26,85 FEB 26,85 1100 1400 3

FIELD OFFICE 78.0 2 29414 2 1 U 69 **QFJ** APR 23,85 MAR 26,85 1400 930 94.0 2 29425 2 1 U 41 FIJC MAY 21,85 APR 23,85 930 1600 52.0 3 29438 2 U 83 AFJ JUN 18,85 MAY 21,85 1600 1315 40.0 3 29449 2 1 105 C JUL 17,85 JUN 18,85 1315 900 50.0 3 29460 2 1 94 QA AUG 13,85 JUL 17,85 900 1040 56.0 3 29468 2 95 9 SEP 11,85 AUG 13,85 1040 920 102.0 3 29476 2 1 92 M OCT 8,85 SEP 11,85 920 1415 1 53.0 29494 2 1 93 NOV 5,85 OCT 8,85 1415 1315 58.0 3 29495 2 1 93 DEC 3,85 NOV 5,85 1315 1330 3 62.0 2 29503 2 1 U O JAN 2,86 DEC 3,85 1330 1600 2 52.1 9 29504 2 1 U 66 FJ

1

REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.	PH LAB	TOTAL H+ Gran	SULPHATE	NITRATE AS N	CALCIUM
			UHHU/ CH		MG/L	MG/L	MG/L	MG/L
JAN 29,85 FEB 26,85 MAR 26,85 APR 23,85 MAY 21,85 JUN 18,85 JUL 17,85 AUG 13,85 SEP 11,85 OCT 8,85 NOV 5,85 DEC 3,85 JAN 2,86	JAN 29,85 FEB 26,85 MAR 26,85	816.0 704.0 1765.0 1259.0 1409.0 1374.0 1535.0 1728.0 3055.0 1601.0 1755.0 12.0	28.9 25.0 23.8 30.4 26.6 26.2 47.4 33.4 30.7 34.0 18.6 ************************************	4.22 4.38 4.46 4.30 4.59 4.45 4.08 4.27 4.22 4.15 4.43	0.0808 0.0752 0.0649 0.0806 0.0584 0.0711 0.1200 0.0853 0.0910 0.0927 0.0598 ************************************	0.75 0.90 1.80 3.00 3.50 3.05 5.15 4.05 3.35 2.85 1.60	0.76 0.65 0.51 0.49 0.59 0.38 0.62 0.52 0.32 0.46 0.25	0.11 D 0.20 0.33 0.36 0.29 0.52 0.40 0.38 LG 0.06 0.13 0.10 0.09 0.18

STAT	ION NAME : WH	ITNEY/CUMULATIVE	PRECIP.	#19			PAGE 1 2	
REMOVAL Date	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM	PHOSPHOR
	DATE	MG/L	MG/L	MC /I	140.71		AS N	
		ng/ L	HG/ L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 29,85	JAN 2,85	0.15	0.14	<t 0.005<="" td=""><td><t 0.005<="" td=""><td>0.030</td><td>0.060</td><td>0.013</td></t></td></t>	<t 0.005<="" td=""><td>0.030</td><td>0.060</td><td>0.013</td></t>	0.030	0.060	0.013
FEB 26,85	JAN 29,85	0.25	0.12	D 0.020	0.005	0.090	LG 0.025	0.008
MAR 26,85	FEB 26,85	0.14	0.29	0.030	0.005	0.055	0.185	0.012
APR 23,85	MAR 26,85	0.21	0.41	0.035	0.040	0.145	0.350	0.012
MAY 21,85	APR 23,85	0.12	1.24	0.035	0.080	0.065	0.980	0.048
JUN 18,85	MAY 21,85	0.10	0.40	0.065	0.045	0.040	0.275	0.016
JUL 17,85	JUN 18,85	0.14	0.59	0.055	0.050	0.050	0.525	<t 0.005<="" td=""></t>
AUG 13,85	JUL 17,85	0.12	0.45	0.060	0.035	0.020	0.435	<t 0.003<="" td=""></t>
SEP 11,85	AUG 13,85	<t 0.06<="" td=""><td>0.22</td><td><t 0.010<="" td=""><td><t 0.010<="" td=""><td><t 0.010<="" td=""><td>LG 0.160</td><td>0.006</td></t></td></t></td></t></td></t>	0.22	<t 0.010<="" td=""><td><t 0.010<="" td=""><td><t 0.010<="" td=""><td>LG 0.160</td><td>0.006</td></t></td></t></td></t>	<t 0.010<="" td=""><td><t 0.010<="" td=""><td>LG 0.160</td><td>0.006</td></t></td></t>	<t 0.010<="" td=""><td>LG 0.160</td><td>0.006</td></t>	LG 0.160	0.006
OCT 8,85	SEP 11,85	0.11	0.21	0.020	<t 0.005<="" td=""><td>0.030</td><td>0.215</td><td><t 0.001<="" td=""></t></td></t>	0.030	0.215	<t 0.001<="" td=""></t>
NOV 5,85	OCT 8,85	0.07	0.12	0.015	<t 0.005<="" td=""><td>0.035</td><td>0.125</td><td><t 0.002<="" td=""></t></td></t>	0.035	0.125	<t 0.002<="" td=""></t>
DEC 3,85	NOV 5,85	***	****	0.025	U 0.155	U 0.295	****	****
JAN 2,86	DEC 3,85	0.26	0.29	0.025	<t 0.005<="" td=""><td>0.085</td><td>0.240</td><td>0.006</td></t>	0.085	0.240	0.006
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
DATE	DATE	MG/L	MG/L	MG/L	MG/L	HG/L	MG/L	HG/L
JAN 29,85	JAN 2,85	< 0.001	0.0005	0.004	0.019	0.009	< 0.0004	0.020
FEB 26,85	JAN 29,85	0.001	0.0003	D 0.010	D 0.030	0.007	0.0004	0.025
MAR 26,85	FEB 26,85	0.003	0.0002	0.004	0.039	0.009	0.0004	0.043
APR 23,85	MAR 26,85	0.002	< 0.0002	0.005	0.041	0.009	< 0.0004	0.044
MAY 21,85	APR 23,85	0.004	0.0003	0.006	0.041	0.008	< 0.0004	0.044
JUN 18,85	MAY 21,85	U 0.011	< 0.0002	0.005	U 0.141	0.008	< 0.0004	U 0.170
JUL 17,85	JUN 18,85	0.005	0.0002	0.004	0.063	0.003	< 0.0004	0.082
AUG 13,85	JUL 17,85	0.004	< 0.0002	0.005	0.032	0.005	< 0.0004	0.039
SEP 11,85	AUG 13,85	0.001	0.0010	0.003	0.015	0.011	< 0.0004	0.022
OCT 8,85	SEP 11,85	0.001	0.0003	0.003	0.076	< 0.002	< 0.0004	0.051
NOV 5,85	OCT 8,85	< 0.001	0.0003	0.002	0.012	0.003	< 0.0004	0.019
DEC 3,85	NOV 5,85	****	****	****	***	****	*****	****
JAN 2,86	DEC 3,85	0.001	< 0.0002	0.005	0.019	0.006	< 0.0004	0.034

- 86

STAT	ION NAME : WHI	TNEY/CUMULATIV	E PRECIP.	#19
REMOVAL DATE	EXPOSURE DATE	COPPER	CADMIUM	FREE H+
		MG/L	MG/L	MG/L
JAN 29,85		0.0004	0.00004	0.0603
FEB 26,85		D 0.0019	D 0.00030	0.0417
MAR 26,85	FEB 26,85	0.0013	0.00006	0.0347
APR 23,85	MAR 26,85	0.0012	0.00037	0.0501
MAY 21,85	APR 23,85	0.0005	UG 0.00013	0.0257
JUN 18,85	MAY 21,85	0.0016	0.00008	0.0355
JUL 17,85	JUN 18,85	< 0.0003	0.00006	0.0832
AUG 13,85	JUL 17,85	0.0010	0.00004	0.0537
SEP 11,85	AUG 13,85	0.0013	0.00005	0.0603
OCT 8,85	SEP 11,85	0.0007	0.00005	0.0708
NOV 5,85	OCT 8,85	0.0004	0.00003	0.0372
DEC 3,85	NOV 5,85	***	*****	*****
JAN 2,86	DEC 3,85	0.0012	0.00008	0.0724

0

PAGE : 3

PART VII

NORTHWESTERN REGION

CUMULATIVE PRECIPITATION CHEMISTRY LISTINGS

	ST	TION NA	ME : I	DORION/C	UMULATIV	E PRECIP.	#3	1			PAGE 1	1			
	REMOVAL DATE	EXPO: DA		SAMPI START HR.	END HR.	SAMPLE TYPE 01-RAIN 02-SNOW -COMP/04-OTHE	GAUGE DEPTH(MM)	GAUGE TYPE 02,03-APIOS 09-AES	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)	COM FIELD	MENTS OFFICE	
	JAN 29,8 FEB 26,8 MAR 26,8 APR 23,8 MAY 21,8 JUN 18,8 JUL 16,8 AUG 13,8 SEP 10,8 SEP 10,8 NOV 5,8 DEC 3,8	5 JAN 6 5 FEB 6 5 MAR 6 5 APR 6 5 JUN 1 5 JUL 1 5 AUG 1 5 SEP 1 5 OCT 1 NOV	26,85 23,85 21,85 18,85 16,85 13,85	930 930 930 920 919 1005 910 929 920 920 834 923 910	915 930 920 915 1005 910 929 920 917 830 912 910 857	2 2 3 1 1 1 1 1 1 1 1 1 3 3 2 2	23.1 15.4 18.7 41.1 102.5 55.0 119.0 107.0 65.0 187.0 81.2 72.8 14.1	2 2 2 2 2 3 3 3 2 2 2 2	13093 13096 13098 13100 13102 13104 13106 13108 13110 13112 13115 13117	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	46 60 56 78 84 101 67 92 81 94 85 63 73	C CA CC ACD D C	H H	I 88
J	REMOVAL DATE	DA			OLUME ML	CONDUCT.	L	PH AB	TOTAL H+ Gran MG/L	SULPHAT	AS	RATE S N	CALCIUM MG/L		

REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.	*	PH LAB	TOTAL H+ Gran	:	SULPHATE	NITRATE AS N		CALCIUM	
		ML	L UMHO/CM			MG/L	MG/L		MG/L		MG/L	
JAN 29,85 FEB 26,85 MAR 26,85 APR 23,85 MAY 21,85 JUN 18,85 JUL 16,85 AUG 13,85 SEP 10,85 OCT 8,85 NOV 5,85 DEC 3,85 DEC 31,85	JAN 2,85 JAN 29,85 FEB 26,85 MAR 26,85 APR 23,85 MAY 21,85 JUN 18,85 JUL 16,85 AUG 13,85 SEP 10,85 OCT 8,85 NOV 5,85 DEC 3,85	348.0 302.0 346.0 1045.0 2804.0 1808.0 2610.0 3203.0 1730.0 5750.0 2253.0 1510.0 337.0	9.5 22.8 8.0 13.5 15.6 12.1 10.5 12.0 14.6 10.5 13.5	UG	4.80 4.44 5.18 6.27 4.68 4.75 5.12 4.70 4.74 4.83 4.65 4.84	0.0385 UG 0.0688 0.0257 0.0221 0.0502 0.0357 0.0302 0.0377 0.0421 0.0342 0.0435 0.0368	D	0.55 1.55 0.65 2.40 1.95 1.40 1.55 1.45 1.35 1.00 1.05 0.85	0.18 0.61 0.24 0.40 0.29 0.16 0.31 0.21 0.24 0.12 0.20 0.19	UG	0.12 0.16 0.33 0.66 0.35 0.12 0.33 0.21 0.13 0.05 0.08 0.24	

STATI	TON NAME ! DO	RION/CUMULATIVE	PRECIP.	#31			PAGE 1 2		
REMOVAL Date	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	PHOSPHOR	
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
JAN 29,85 FEB 26,85	JAN 2,85 JAN 29,85	0.13	0.09	<t 0.010<br="">0.020</t>	<w 0.005<br="">0.025</w>	0.080	0.030 0.410	0.016 0.017	
MAR 26,85 APR 23,85	FEB 26,85 MAR 26,85	0.17 0.18	0.24	0.040 0.085	0.025	0.145 0.210	0.060	0.022	
MAY 21,85 JUN 18,85	APR 23,85 MAY 21,85	<w 0.01<br=""><w 0.01<="" td=""><td>0.52</td><td>0.060</td><td>0.035</td><td><t 0.015<br="">0.035</t></td><td>0.425 0.205</td><td>0.011</td><td></td></w></w>	0.52	0.060	0.035	<t 0.015<br="">0.035</t>	0.425 0.205	0.011	
JUL 16,85 AUG 13,85	JUN 18,85 JUL 16,85	<t 0.06<br=""><t 0.03<="" td=""><td>0.62</td><td>0.055</td><td>0.055 <t 0.015<="" td=""><td>0.040 <t 0.015<="" td=""><td>0.455</td><td>0.014</td><td></td></t></td></t></td></t></t>	0.62	0.055	0.055 <t 0.015<="" td=""><td>0.040 <t 0.015<="" td=""><td>0.455</td><td>0.014</td><td></td></t></td></t>	0.040 <t 0.015<="" td=""><td>0.455</td><td>0.014</td><td></td></t>	0.455	0.014	
SEP 10,85 OCT 8,85	AUG 13,85 SEP 10,85	0.08 <t 0.04<="" td=""><td>0.34</td><td>0.020 <t 0.005<="" td=""><td>0.035 <w 0.005<="" td=""><td>0.035 <t 0.020<="" td=""><td>0.260</td><td>0.010 0.009</td><td></td></t></td></w></td></t></td></t>	0.34	0.020 <t 0.005<="" td=""><td>0.035 <w 0.005<="" td=""><td>0.035 <t 0.020<="" td=""><td>0.260</td><td>0.010 0.009</td><td></td></t></td></w></td></t>	0.035 <w 0.005<="" td=""><td>0.035 <t 0.020<="" td=""><td>0.260</td><td>0.010 0.009</td><td></td></t></td></w>	0.035 <t 0.020<="" td=""><td>0.260</td><td>0.010 0.009</td><td></td></t>	0.260	0.010 0.009	
NOV 5,85 DEC 3,85	OCT 8,85 NOV 5,85	<t 0.04<br=""><t 0.06<="" td=""><td>0.17 0.19</td><td><t 0.015<br="">0.035</t></td><td><t 0.005<br=""><t 0.010<="" td=""><td>0.035</td><td>0.125</td><td><t 0.003<br="">0.010</t></td><td></td></t></t></td></t></t>	0.17 0.19	<t 0.015<br="">0.035</t>	<t 0.005<br=""><t 0.010<="" td=""><td>0.035</td><td>0.125</td><td><t 0.003<br="">0.010</t></td><td></td></t></t>	0.035	0.125	<t 0.003<br="">0.010</t>	
DEC 31,85	DEC 3,85	0.15	0.14	<t 0.015<="" td=""><td><t 0.005<="" td=""><td>0.125</td><td>0.035</td><td><t 0.003<br="">0.010</t></td><td></td></t></td></t>	<t 0.005<="" td=""><td>0.125</td><td>0.035</td><td><t 0.003<br="">0.010</t></td><td></td></t>	0.125	0.035	<t 0.003<br="">0.010</t>	
								*	89
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	1
	-	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HG/L	
JAN 29,85 FEB 26,85	JAN 2,85 JAN 29,85	0.002 0.002	0.0003	0.006	0.035	0.005	< 0.0004	0.049	
MAR 26,85 APR 23,85	FEB 26,85 MAR 26,85	0.003	< 0.0002 < 0.0002	UG 0.029 0.004	0.087	0.011 UG 0.022	< 0.0004 < 0.0004	0.075 0.073	
MAY 21,85 JUN 18,85	APR 23,85 MAY 21,85	0.006	0.0004	0.003	0.090 0.058	0.008	< 0.0004 < 0.0004	0.093 0.054	
JUL 16,85 AUG 13,85	JUN 18,85 JUL 16,85	0.007	0.0002	0.005	0.037 0.069	0.006 0.001	< 0.0004 < 0.0004	0.033 0.077	
SEP 10,85	AUG 13,85 SEP 10,85	0.002	< 0.0002	0.005	0.035 0.030	0.002	< 0.0004 < 0.0004	0.022 0.031	
NOV 5,85	OCT 8,85 NOV 5,85	< 0.001	< 0.0002 0.0003	0.001	0.003	0.002	< 0.0004 < 0.0004	0.009	
The Control of the Co	DEC 3,85	0.001	0.0005	0.006	0.023	0.002 < 0.004	< 0.0004	0.020	

	STATI	ON N	AME : D	ORION/C	JMULATIVE	PREC	TP.	2	31	
REMOVAL DATE		EXPOSURE DATE		COPPER			CADMIUM		FREE H+	
	AIC		DATE		MG/L		MG/L		MG/	L
JAN	29,85	JAN	2,85		0.0005	<	0.00002		0.01	58
FEB	26,85	JAN	29,85		0.0026		0.00004		0.03	63
MAR	26,85	FEB	26,85	UG	0.0119		0.00004		0.00	
APR	23,85	MAR	26,85		0.0031		0.00007		0.00	
MAY	21,85	APR	23,85		0.0002		0.00006		0.02	09
JUN	18,85	MAY	21,85		0.0032	<	0.00002		0.01	78
JUL	16,85	JUN	18,85		0.0002		0.00005		0.00	76
AUG	13,85	JUL	16,85	<	0.0003		0.00003		0.02	00
SEP	10,85	AUG	13,85		0.0013	D	0.00005		0.01	82
OCT	8,85	SEP	10.85	<	0.0002		0.00003		0.01	The state of the s
NOV	5.85	OCT	8,85	<	0.0003		0.00003		0.02	
DEC	3,85	NOV	5,85	D	0.0069		0.00024		0.01	
DEC	31,85	DEC	3,85		0.0009		0.00004		0.02	63

PAGE: 3

STATION NAME : EAR FALL'S/CUMULATIVE PRECIP. #35 PAGE : 1

REHOVAL DATE	EXPOSURE DATE	SAMPL START HR.	END HR.	SAMPLE TYPE 01-RAIN 02-SNOW -COMP/04-OTH	GAUGE DEPTH(MM) ER	GAUGE TYPE 02,03-APIOS 09-AES	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-HOE 03-AES	EF	MPLER FICI- NCY (%)	FIELD	MENTS OFFICE
JAN 28,85	JAN 2,85	900	1000	2	24.0	2	13582	2	1	U	52	FI	
FEB 26,85	JAN 29,85	900	905	2	9.1	2	13583	2	1	U	66	FM	
MAR 26,85	FEB 26,85	905	900	3	17.0	2	13584	2	1	U	1	FJ1	
APR 23,85	MAR 26,85	900	930	1	28.7	2	13585	2	1		86		н
MAY 21,85	APR 23,85	930	900	1	94.8	2	13586	2	1		86		1494
JUN 18,85	MAY 21,85	900	1030	1	60.0	1	13587	2	1		90	В	C
JUL 16,85	JUN 18,85	1030	900	1	95.0	3	13588	2	1		88	C	HH
AUG 13,85	JUL 19,85	900	900	1	80.0	3	13590	2	1		50		н
SEP 10,85	AUG 13,85	900	900	1	100.0	3	13591	2	1		85		С
OCT 8,85	SEP 10,85	900	1130	3	78.9	3	13592	2	1	U	41	G	
NOV 5,85	OCT 8,85	1130	900	3	31.1	2	13593	2	1		62	С	HCH
DEC 3,85	NOV 5,85	900	900	2	50.5	2	13595	2	1		63	AC	HCM
DEC 31,85	DEC 3,85	900	855	2	20.1	9	13596	2	1	1	50	C	N

REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.		PH LAB	TOTAL H+ GRAN	SULPHATE	NITRATE AS N	c	ALCIUM
		ML	UMHO/CM			MG/L	MG/L	MG/L		MG/L
JAN 28,85	JAN 2,85	410.0	9.0		4.86	0.0319	0.60	0.13		0.11
FEB 26,85	JAN 29,85	196.0	13.4		4.66	0.0516	0.75	0.27		0.17
MAR 26,85	FEB 26,85	10.0	24.7		5.07	0.0356	2.80	0.88		***
APR 23,85	MAR 26,85	807.0	8.9		5.31	0.0257	1.35	0.24		0.33
MAY 21,85	APR 23,85	2649.0	6.2		5.74	0.0352	0.75	0.15		0.38
JUN 18,85	MAY 21,85	1761.0	5.8		6.07	0.0179	0.85	0.12		0.32
JUL 16,85	JUN 18,85	2738.0	5.6		5.25	0.0250	0.55	0.12		0.16
AUG 13,85	JUL 19,85	1317.0	9.2		4.82	0.0360	1.00	0.20		0.22
SEP 10,85	AUG 13,85	2786.0	5.7		5.26	0.0266	0.55	0.11		0.10
OCT 8,85	SEP 10,85	1066.0	****		5.31	0.0220	****	***	LG	0.05
NOV 5,85	OCT 8,85	630.0	6.6	В	5.64	0.0206	0.75	0.10		0.24
DEC 3,85	NOV 5,85	1037.0	6.7		5.41	0.0250	0.40	0.14		0.11
DEC 31,85	DEC 3,85	328.0	16.8		4.51	0.0566	0.90	0.30		0.06

STATI	ON NAME : EAR	R FALL'S/CUMULAT	IVE PRECIP.	#35			PAGE : 2	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIN	SODIUM	AMMONIUM AS N	PHOSPHOR
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 28,85	JAN 2,85	0.26	0.08	<t 0.010<="" td=""><td><w 0.005<="" td=""><td>0.150</td><td><w 0.005<="" td=""><td>0.019</td></w></td></w></td></t>	<w 0.005<="" td=""><td>0.150</td><td><w 0.005<="" td=""><td>0.019</td></w></td></w>	0.150	<w 0.005<="" td=""><td>0.019</td></w>	0.019
FEB 26,85	JAN 29,85	0.35	0.16	<t 0.015<="" td=""><td><t 0.020<="" td=""><td>0.240</td><td>0.065</td><td>0.028</td></t></td></t>	<t 0.020<="" td=""><td>0.240</td><td>0.065</td><td>0.028</td></t>	0.240	0.065	0.028
MAR 26,85	FEB 26,85	UG 1.11	***	****	****	****	0.420	等 章 章 章
APR 23,85	MAR 26,85	0.12	0.38	0.035	0.030	0.120	0.335	<t 0.004<="" td=""></t>
MAY 21,85	APR 23,85	<w 0.01<="" td=""><td>0.30</td><td>0.075</td><td>0.035</td><td>0.020</td><td>0.190</td><td>0.010</td></w>	0.30	0.075	0.035	0.020	0.190	0.010
JUN 18,85	MAY 21,85	<t 0.06<="" td=""><td>0.29</td><td>0.055</td><td>0.060</td><td>0.030</td><td>0.155</td><td>0.007</td></t>	0.29	0.055	0.060	0.030	0.155	0.007
JUL 16,85	JUN 18,85	<t 0.04<="" td=""><td>0.25</td><td>0.025</td><td>0.025</td><td>0.025</td><td>0.155</td><td><t 0.003<="" td=""></t></td></t>	0.25	0.025	0.025	0.025	0.155	<t 0.003<="" td=""></t>
AUG 13,85	JUL 19,85	0.07	0.22	0.025	0.040	0.070	0.175	<t 0.005<="" td=""></t>
SEP 10,85	AUG 13,85	<t 0.05<="" td=""><td>0.16</td><td><t 0.010<="" td=""><td>0.020</td><td><t 0.015<="" td=""><td>0.120</td><td><t 0.004<="" td=""></t></td></t></td></t></td></t>	0.16	<t 0.010<="" td=""><td>0.020</td><td><t 0.015<="" td=""><td>0.120</td><td><t 0.004<="" td=""></t></td></t></td></t>	0.020	<t 0.015<="" td=""><td>0.120</td><td><t 0.004<="" td=""></t></td></t>	0.120	<t 0.004<="" td=""></t>
OCT 8,85	SEP 10,85	***	LG 0.09	<t 0.010<="" td=""><td><t 0.015<="" td=""><td>0.025</td><td>LG 0.050</td><td><t 0.005<="" td=""></t></td></t></td></t>	<t 0.015<="" td=""><td>0.025</td><td>LG 0.050</td><td><t 0.005<="" td=""></t></td></t>	0.025	LG 0.050	<t 0.005<="" td=""></t>
NOV 5,85	OCT 8,85	0.07	0.13	0.020	<t 0.010<="" td=""><td>0.065</td><td>0.040</td><td>0.016</td></t>	0.065	0.040	0.016
DEC 3,85	NOV 5,85	0.07	0.19	<t 0.010<="" td=""><td>0.030</td><td>0.045</td><td>0.065</td><td>0.012</td></t>	0.030	0.045	0.065	0.012
DEC 31,85	DEC 3,85	0.18	0.10	0.015	<t 0.010<="" td=""><td>0.145</td><td><t 0.010<="" td=""><td>0.011</td></t></td></t>	0.145	<t 0.010<="" td=""><td>0.011</td></t>	0.011
						,		· ·
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUNINUM
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 28,85	JAN 2,85	0.004	0.0004	0.006	0.067	< 0.003	< 0.0004	0.069
FEB 26,85	JAN 29,85	****	****	****	****	****	*****	****
MAR 26,85	FEB 26,85	****	*****	张张荣英	****	****	*****	****
APR 23,85	MAR 26,85	0.004	< 0.0002	0.005	0.093	0.009	< 0.0004	0.075
MAY 21,85	APR 23,85	0.007	< 0.0002	0.002	0.101	0.002	< 0.0004	0.081
JUN 18,85	MAY 21,85	0.005	< 0.0002	0.002	0.051	0.007	< 0.0004	0.040
JUL 16,85	JUN 18,85	0.003	< 0.0002	0.003	0.022	0.001	< 0.0004	0.028
AUG 13,85	JUL 19,85	0.003	< 0.0002	0.005	0.033	0.005	< 0.0004	0.033
SEP 10,85	AUG 13,85	0.001	< 0.0002	0.003	0.018	0.003	< 0.0004	0.020
OCT 8,85	SEP 10,85	< 0.001	< 0.0002	0.001	0.021	0.007	< 0.0004	0.016
NOV 5,85	OCT 8,85	0.001	0.0002	0.003	0.030	0.009	< 0.0004	0.039
DEC 3,85	NOV 5,85	0.002	0.0004	0.006	0.038	< 0.002	< 0.0004	0.030
DEC 31,85	DEC 3,85	0.002	0.0030	0.005	0.071	< 0.004	< 0.0004	0.042

	STATI	ON N	AME I EA	R FALL	S/CUMULAT	TIVE I	RECIP.	1	835				PAGE	1	3
(11)	DVAL ATE	100	POSURE	, (COPPER		CADHIUM	1	FREE	H+					
	MIL.		DATE.		MG/L		MG/L		MG/	'L					
JAN :	28,85	JAN	2,85		0.0005		0.00010		0.01	38					
FEB :	26,85	JAN	29,85		****		****		0.02	19					
MAR 2	26,85	FEB	26,85		****		****		0.00	85					
APR 2	23,85	MAR	26,85		0.0019		0.00012		0.00	149					
MAY 2	21,85	APR	23,85		0.0002	<	0.00002		0.00	18					
JUN :	18,85	MAY	21,85	<	0.0011		0.00002		0.00	09					
	16,85	JUN	18,85		0.0012		0.00003		0.00	56			2		
AUG :	13,85	JUL	19.85		0.0003		0.00003		0.01	51					
	10.85	AUG	13,85		0.0004		0.00002		0.00	155					
OCT	8,85	SEP	10,85		0.0005		0.00002		0.00	149					
NOV	5,85	OCT	8,85		0.0022		0.00005	В	0.00	23					
DEC	3,85	NOV	5,85		0.0005	В	0.00360		0.00	139					
DEC :	31,85	DEC	3,85		0.0012		0.00007		0.03	109					

STATION NAME : EXP. LAKES AREA/CUMULATIVE PRECIP. #34

118.0

21.0

DEC 31,85 DEC 3,85

PAGE : 1

SINII	TON MARIE . E	AF. LANES	KEA/ CONDENTITE P	MECIF. W	37			PAGE			
REMOVAL DATE	EXPOSURE DATE		S SAMPLE END TYPE HR. 01-RAIN 02-SNOW	GAUGE DEPTH(MM	GAUGE) TYPE 02,03-APIOS 09-AES	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)	COM FIELD	MENTS OFFICE
			03-COMP/04-OTH	ER							
14W 71 4F	140 0 00	000 11	10 2	17.9	•	13193	2		56		
JAN 31,85 FEB 26,85	JAN 2,85 JAN 31,85		110 2 300 2	22.5	2 2	13194	2	1	U 39	F	
MAR 26,85	FEB 26,85		330 3	5.6	2	13195	,	î	51		
APR 23.85	MAR 26,85		330 3	104.8	2	13196	,	î	85		
MAY 21,85	APR 23,85		330 1	111.4	ī	13198	2	î	U 103	CF	c
JUN 18,85	MAY 21,85	120000000	30 1	160.0	ī	13199	2	ī	36	AC	NC
JUL 16,85	JUN 18.85	100,770,770	900 1	79.0	3	13200	2	ī	87	AC	HCH
AUG 13,85	JUL 16,85		000 1	82.0	3	13201	2	ī	88		C
SEP 10,85	AUG 13,85		000 1	95.0	3	13202	2	ī	U 24	ACG	_
OCT 8,85	SEP 10,85		000 3	136.3	3	13203	2	1	75	CD	С
NOV 5,85	OCT 8,85	1000 9	30 3	15.8	2	13204	2	1	67		
DEC 3,85	NOV 5,85	930 10	000 2	43.7	2	13206	2	1	20		MH
DEC 31,85	DEC 3,85	1000	900 2	17.6	2	13207	2	1	20		N
										ì	
REMOVAL	EXPOSURE	VOLU	ME CONDUC	т.	PH	TOTAL H+	SULPHAT	F M11	RATE	CALCIU	4
DATE	DATE	1000	ALL CONDOC	• •	LAB	GRAN	SOCTION		SN	CACCIO	
DAIL	DAIL	H	UHHO/	CH		MG/L	HG/L		IG/L	MG/L	
JAN 31.85	JAN 2.85	326	3.0 11.3		4.74	0.0380	0.70		.23	<t 0.14<="" td=""><td></td></t>	
FEB 26,85	JAN 31,85	289			4.65	0.0509	0.90		.40	0.15	
MAR 26,85	FEB 26,85		.0 25.3		4.68	0.0519	2.40		.83	****	
APR 23,85	MAR 26,85	2910			6.10	0.0224	1.35	Č	.22	0.28	
HAY 21,85	APR 23,85	3748			6.21	0.0187	0.75		.17	0.36	
JUN 18,85	MAY 21,85	1917			6.11	0.0188	1.25	ď	.20	0.37	
JUL 16,85	JUN 18,85	2233	5.9		5.48 L	G 0.0122	0.60	. 0	.14	0.22	
AUG 13,85	JUL 16,85	2362	2.0 12.6		5.14	0.0236	0.90	0	.25	0.20	
SEP 10,85	AUG 13,85	744	.0 5.7		5.31	0.0262	0.55	0	.12	0.14	
OCT 8,85	SEP 10,85	3336	6.9		5.73	0.0226	0.90	C	.14	0.12	
NOV 5,85	OCT 8,85	346			4.71	0.0396	1.00		.19	0.09	
DEC 3,85	NOV 5,85	292	2.0 12.4		5.05	0.0306	1.25	0	. 35	0.22	

4.48

UG 0.0652

1.20

0.52

0.27

STATION NAME : EXP. LAKES AREA/CUMULATIVE PRECIP. #34 PAGE: 2 **EXPOSURE** REMOVAL CHLORIDE KJELDAHL MAGNESIM POTASSIM SODIUM **AMMONIUM PHOSPHOR** DATE DATE AS N AS N MG/L MG/L MG/L MG/L MG/L MG/L MG/L JAN 31,85 JAN 2,85 0.16 D 0.19 <T 0.015 <T 0.020 0.110 0.060 0.027 FEB 26.85 JAN 31,85 0.20 0.32 <T 0.015 <T 0.015 0.175 0.230 0.031 MAR 26,85 FEB 26,85 0.39 0.87 **** *** *** 0.710 0.041 APR 23,85 MAR 26,85 0.09 0.54 0.025 0.035 0.090 0.480 0.007 MAY 21,85 APR 23,85 0.01 0.40 0.065 0.030 <T 0.015 0.220 0.016 JUN 18,85 MAY 21,85 <T 0.03 0.48 0.060 0.045 0.045 0.305 0.013 JUL 16,85 JUN 18,85 <T 0.04 0.29 0.035 0.035 0.020 0.160 <T 0.005 AUG 13,85 JUL 16,85 0.05 0.33 0.020 0.020 0.025 0.275 0.008 SEP 10,85 AUG 13,85 <T 0.05 0.19 <T 0.010 <T 0.020 <T 0.015 0.155 <T 0.005 OCT 8,85 SEP 10.85 0.06 0.36 <T 0.015 <T 0.020 0.035 0.340 <T 0.005 NOV 5,85 OCT 8,85 0.13 0.18 0.020 <T 0.010 0.115 0.055 0.014 DEC 3,85 NOV 5,85 0.16 0.40 0.045 0.035 0.120 D 0.275 0.019 DEC 31,85 DEC 3,85 0.35 0.14 0.020 0.025 0.280 0.050 0.059 REMOVAL **EXPOSURE** MANGANSE NICKEL ZINC IRON LEAD VANADIUM ALUMINUM DATE DATE MG/L MG/L MG/L MG/L MG/L MG/L MG/L JAN 31,85 JAN 2,85 0.002 0.0004 0.006 0.060 0.013 < 0.0004 0.053 FEB 26,85 JAN 31,85 0.002 0.0009 0.011 0.053 0.012 < 0.0004 0.070 MAR 26,85 FEB 26,85 *** 张宏宏张张 *** *** **** *** *** APR 23,85 MAR 26.85 0.003 0.0002 0.005 0.059 0.011 < 0.0004 0.079 MAY 21,85 APR 23,85 0.011 0.0006 0.002 0.179 0.002 0.0004 0.179 JUN 18,85 MAY 21,85 0.008 0.0002 0.002 0.067 0.003 D 0.0005 0.059 JUL 16,85 JUN 18,85 0.004 < 0.0002 0.001 0.046 0.001 < 0.0004 0.049 AUG 13,85 JUL 16,85 0.003 D 0.0005 0.003 0.020 0.001 < 0.0004 0.023 SEP 10,85 AUG 13,85 0.001 0.0002 0.005 0.016 0.003 < 0.0004 0.029 SEP 10,85 OCT 8,85 0.002 0.0002 0.004 0.015 0.002 < 0.0004 0.019 NOV 5,85 OCT 8,85 0.001 D 0.0012 B 0.021 0.029 0.005 < 0.0004 0.035 DEC 3,85 NOV 5,85 D 0.005 0.0002 0.004 0.078 < 0.004 < 0.0004 0.047 DEC 31,85 DEC 3,85 *** *** **** *** *** ***

1 9 S

.

STATION NAME : EXP. LAKES AREA/CUMULATIVE PRECIP. #34

PAGE : 3

	OVAL		POSURE		COPPER		CADHIUM	ı	FREE	H+
-					MG/L		MG/L		MG/	L.
JAN	31,85	JAN	2,85		0.0020		0.00004		0.01	82
FEB	26,85	JAN	31,85		0.0049	D	0.00018		0.02	24
MAR	26,85	FEB	26,85		****		****		0.02	209
APR	23,85	MAR	26,85		0.0012		0.00007	LG	0.00	800
MAY	21,85	APR	23,85	<	0.0003		0.00005		0.00	006
JUN	18,85	MAY	21,85	<	0.0011		0.00004		0.00	800
JUL	16,85	JUN	18,85		0.0004		0.00003		0.00	33
AUG	13,85	JUL	16,85		0.0003		0.00002		0.00	72
SEP	10,85	AUG	13,85		0.0003		0.00002		0.00	149
OCT	8,85	SEP	10,85		0.0004		0.00004		0.00	19
NOV	5,85	OCT	8,85		0.0009		0.00007		0.01	
DEC	3,85	NOV	5,85		0.0005		0.00004		0.00	189
DEC	31,85	DEC	3,85		****		****		0.03	

- 96

.

PAGE : 1 STATION NAME ! GERALDTON/CUMULATIVE PRECIP. \$30 SAMPLE **PROJECT** SUBPROJECT SAMPLER COMMENTS **EXPOSURE** SAMPLING SAMPLE GAUGE GAUGE REMOVAL FIELD OFFICE CODE CODE EFFICI-TYPE DEPTH(MM) TYPE NUMBER DATE DATE START END 02,03-APIOS 02-APIOS 01-MOE ENCY HR. HR. 01-RAIN 03-SPECIAL 03-AES (X) 09-AES 02-SNOW 03-COMP/04-OTHER JAN 29,85 JAN 2,85 1320 815 15.8 2 13327 2 1 42 2 13329 2 43 FEB 26.85 JAN 29,85 815 1830 2 24.8 13330 2 3 FEB 26,85 1430 2 16.8 MAR 26,85 1830 2 58 ARR 24,85 MAR 26,85 1430 1120 1 20.1 13331 13332 83 AC 1100 73.8 2 MAY 21,85 APR 24,85 1120 1 2 77 C 1035 70.0 13333 2 JUN 18,85 MAY 21,85 1100 1 U 46 ec 1000 45.0 3 13334 2 1035 JUL 16,85 JUN 18,85 AFJ 13336 2 U 60 58.0 3 SEP 10,85 AUG 13,85 1015 815 1 ABDCF C 13338 2 U 83 OCT 7,85 SEP 10,85 815 815 1 157.0 3 2 U 53 G 78.1 13339 NOV 5,85 OCT 7,85 815 1030 3 2 U 34 CFJ 13340 2 2 46.9 3 DEC 3,85 NOV 5,85 1030 925 22 2 40.9 2 13341 2 1130 JAN 1,86 DEC 3,85 925 SULPHATE NITRATE CALCIUM CONDUCT. PH TOTAL H+ VOLUME REMOVAL **EXPOSURE** AS N DATE DATE LAB GRAN UMHO/CM MG/L MG/L MG/L MG/L ML 0.10 4.81 0.0354 0.55 0.13 JAN 29,85 JAN 2,85 216.0 9.1 0.11 353.0 11.0 4.80 0.0395 0.75 0.22 FEB 26,85 JAN 29,85 **** MAR 26,85 FEB 26,85 19.0 15.8 4.84 0.0422 1.50 0.42 2.95 0.49 UG 0.60 4.90 0.0368 384.0 18.6 APR 24,85 MAR 26,85 0.31 2.35 0.26 MAY 21,85 APR 24,85 1998.0 18.0 4.55 0.0517 0.0272 1.30 0.14 0.19 8.2 5.13 JUN 18,85 MAY 21.85 1761.0 0.90 0.10 0.31 673.0 6.4 5.53 0.0230 JUL 16,85 JUN 18,85 0.95 0.18 0.13 SEP 10,85 AUG 13,85 1141.0 10.4 4.87 0.0365 D 0.21 0.0231 1.40 0.22 14.5 5.97 OCT 7,85 SEP 10,85 4264.0 1346.0 11.8 4.74 0.0372 1.10 0.19 0.19 NOV 5,85 OCT 7,85 0.0310 0.80 0.19 0.14 4.98 DEC 3,85 NOV 5,85 531.0 9.7

4.76

JAN 1,86 DEC 3,85

298.0

11.6

0.0425

0.70

0.17

97

0.08

STATI	ON NAME : GE	RALDTON/CUMULAT	IVE PRECIP.	#30			PAGE : 2		
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	PHOSPHOR	
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
JAN 29,85	JAN 2,85	0.23	0.08	<t 0.010<="" td=""><td><t 0.005<="" td=""><td>0.130</td><td>0.020</td><td>0.039</td><td></td></t></td></t>	<t 0.005<="" td=""><td>0.130</td><td>0.020</td><td>0.039</td><td></td></t>	0.130	0.020	0.039	
FEB 26,85	JAN 29,85	0.22	0.20	<t 0.015<="" td=""><td><t 0.010<="" td=""><td>0.150</td><td>0.145</td><td>0.039</td><td></td></t></td></t>	<t 0.010<="" td=""><td>0.150</td><td>0.145</td><td>0.039</td><td></td></t>	0.150	0.145	0.039	
MAR 26,85	FEB 26,85	UG 0.63	***	***	***	****	0.160	****	
APR 24,85	MAR 26,85	0.27	0.83	0.070	0.050	0.250	0.655	0.022	
MAY 21,85	APR 24,85	0.03	0.48	0.050	0.030	0.030	0.385	0.008	
JUN 18,85	MAY 21,85	0.07	0.31	0.030	0.055	D 0.110	0.170	0.012	
JUL 16,85	JUN 18,85	0.13	UG 1.18	0.050	D 0.140	0.155	0.140	0.018	
SEP 10,85	AUG 13,85	<t 0.06<="" td=""><td>0.19</td><td><t 0.010<="" td=""><td>0.025</td><td>0.025</td><td>0.150</td><td><t 0.005<="" td=""><td></td></t></td></t></td></t>	0.19	<t 0.010<="" td=""><td>0.025</td><td>0.025</td><td>0.150</td><td><t 0.005<="" td=""><td></td></t></td></t>	0.025	0.025	0.150	<t 0.005<="" td=""><td></td></t>	
OCT 7,85	SEP 10,85	0.07	0.68	D 0.030	D 0.065	0.055	0.445	D 0.063	
NOV 5,85	OCT 7,85	<t 0.04<="" td=""><td>0.21</td><td>0.025</td><td><t 0.015<="" td=""><td>0.055</td><td>0.115</td><td><t 0.002<="" td=""><td></td></t></td></t></td></t>	0.21	0.025	<t 0.015<="" td=""><td>0.055</td><td>0.115</td><td><t 0.002<="" td=""><td></td></t></td></t>	0.055	0.115	<t 0.002<="" td=""><td></td></t>	
DEC 3,85	NOV 5,85	0.24	0.27	0.020	0.080	0.175	0.090	0.007	
JAN 1,86	DEC 3,85	0.28	0.42	<t 0.015<="" td=""><td><t 0.010<="" td=""><td>0.205</td><td><w 0.005<="" td=""><td>0.015</td><td></td></w></td></t></td></t>	<t 0.010<="" td=""><td>0.205</td><td><w 0.005<="" td=""><td>0.015</td><td></td></w></td></t>	0.205	<w 0.005<="" td=""><td>0.015</td><td></td></w>	0.015	
REMOVAL	EXPOSURE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	98
DATE	DATE	MG/L	MG/L	MG/L	MG/L	HG/L	MG/L	HG/L	
JAN 29,85	JAN 2,85	0.001	0.0002	< 0.011	0.014	0.010	< 0.0004	0.039	
FEB 26,85	JAN 29,85	0.001	0.0002	0.006	0.014	0.010	< 0.0004	0.065	
MAR 26,85	FEB 26,85	****	*****	****	****	****	*****	****	
APR 24,85	MAR 26,85	0.007	< 0.0002	0.009	0.129	0.012	0.0004	D 0.164	
MAY 21,85	APR 24,85	0.006	0.0003	0.003	0.058	0.004	< 0.0004	0.058	
JUN 18,85	MAY 21,85	0.005	0.0004	0.001	0.055	0.001	< 0.0004	0.054	
JUL 16,85	JUN 18,85	0.003	0.0003	0.013	0.060	0.003	< 0.0004	0.049	
SEP 10,85	AUG 13,85	0.001	0.0002	0.002	0.014	0.006	< 0.0004	0.015	
OCT 7,85	SEP 10,85	0.003	0.0002	0.016	D 0.051	0.004	< 0.0004	0.033	
NOV 5,85	OCT 7,85	0.002	0.0003	0.002	0.032	0.004	< 0.0004	0.041	
DEC 3,85	NOV 5,85	0.001	0.0007	0.007	0.056	< 0.003	< 0.0004	0.037	
JAN 1,86	DEC 3,85	0.001	0.0014	0.004	0.026	0.003	< 0.0004	0.031	

	STATI	ON N	AME : GE	RALDTO	I/CUMULAT	IVE P	RECIP.	#30			
	MOVAL DATE		POSURE DATE	(COPPER	1	CADMIUM	FREE	Ε	H+	E
		9			MG/L		MG/L	MG	:/ L	L	
JAN	29,85	JAN	2,85		0.0007		0.00002	0.0)15	55	
FEB	26,85	JAN	29,85		0.0022		0.00003	0.0	115	58	
MAR	26,85	FEB	26,85		***		****	0.0	14	15	
APR	24,85	MAR	26,85		0.0060		0.00017	0.0	112	26	
MAY	21,85	APR	24,85		0.0003		0.00007	0.0	28	32	
JUN	18,85	MAY	21,85	<	0.0011		0.00003	0.0			
JUL	16,85	JUN	18,85		0.0012	D	0.00019	0.0		-	
SEP	10,85	AUG	13,85		0.0002		0.00002	0.0			
OCT	7,85	SEP	10,85	D	0.0011	D	0.00009	0.0			
NOV	5,85	OCT	7,85		0.0018		0.00012	0.0			
DEC	3,85	NOV	5,85		0.0009	V 10 10 10 10 10 10 10 10 10 10 10 10 10	0.00118	0.0	200		
JAN	1,86	DEC	3,85		0.0021		0.00013	0.0			

,

PAGE : 3

STATION NAME : LAC LA CROIX/CUMULATIVE PRECIP. #33 PAGE: 1 REMOVAL **EXPOSURE** SAMPLING SAMPLE GAUGE GAUGE SAMPLE PROJECT SUBPROJECT SAMPLER COMMENTS DATE DATE START END DEPTH(HM) TYPE TYPE NUMBER CODE CODE EFFICI-FIELD OFFICE HR. HR. 01-RAIN 02,03-APIOS 02-APIOS 01-HOE ENCY 02-SNOW 09-AES 03-SPECIAL 03-AES (X) 03-COMP/04-OTHER JAN 28,85 JAN 2,85 900 700 2 33.6 3 95073 2 25 N 1 FEB 26,85 JAN 29,85 900 900 21.0 95074 2 U 97 FBQ MAR 26,85 FEB 26,85 900 23.8 95075 900 2 1 U 26 FB APR 23,85 MAR 26,85 900 900 98.6 3 95076 2 99 AC C 1 MAY 21,85 APR 23,85 900 109.6 U 85 ACG C 900 95077 2 1 JUN 18,85 MAY 21,85 900 900 60.7 95079 U 71 CG JUL 16,85 JUN 18,85 900 900 144.8 95080 2 U 60 G AUG 13,85 JUL 16,85 900 900 43.0 3 95081 2 135 C N 1 AUG 13,85 900 **** 809 OCT 8,85 900 95082 養養機 M 2 NOV 5,85 OCT 8,85 900 900 32.4 95083 2 I 80 CD NH DEC 3,85 NOV 5,85 900 C 900 68.1 2 95084 2 1 53 U 47 DEC 31,85 DEC 3,85 900 900 12.0 95085 0 0 **EXPOSURE** VOLUME TOTAL H+ REMOVAL CONDUCT. SULPHATE NITRATE CALCIUM DATE DATE LAB GRAN ' AS N ML UMHO/CM MG/L MG/L MG/L MG/L JAN 28,85 JAN 2,85 275.0 9.3 4.76 0.0408 0.70 0.24 D 0.19 FEB 26.85 JAN 29.85 668.0 *** 4.87 0.0400 *** **** **** MAR 26,85 FEB 26,85 203.0 18.9 4.96 0.0426 1.60 0.46 0.43 APR 23,85 MAR 26,85 3172.0 6.5 UG 6.23 0.0221 0.80 0.15 0.18 3033.0 MAY 21,85 APR 23,85 15.5 6.09 0.0186 1.70 0.30 D 0.59 JUN 18,85 MAY 21,85 1403.0 10.0 5.11 0.0321 1.25 0.25 0.36 JUL 16,85 JUN 18,85 2857.0 10.0 5.13 0.0282 1.30 0.26 0.38 AUG 13,85 JUL 16,85 1891.0 10.3 4.89 0.0434 0.95 0.24 0.22 OCT 8,85 AUG 13,85 3307.0 U 100.0 U 4.28 U 2.2000 U 12.50 U 0.09 U 5.40 NOV 5.85 OCT 8.85 851.0 9.7 5.06 0.0305 1.00 0.23 0.20 DEC 3,85 NOV 5,85 1190.0 10.4 4.72 0.0402 0.70 0.17 0.06 DEC 31,85 DEC 3,85 185.0 0.0494 14.5 4.66 0.80 0.31 0.15

STATION NAME : LAC LA CROIX/CUMULATIVE PRECIP. #33 PAGE 1 2 REMOVAL **EXPOSURE** CHLORIDE KJELDAHL MAGNESIM POTASSIM SODIUM AMMONIUM **PHOSPHOR** DATE DATE AS N AS N MG/L MG/L MG/L MG/L MG/L MG/L MG/L JAN 28,85 JAN 2,85 0.16 **** 0.020 0.030 0.110 0.055 *** FEB 26,85 JAN 29,85 **** **** **** *** *** *** *** MAR 26,85 FEB 26,85 UG 1.03 0.73 0.085 0.050 B 0.970 0.425 B 0.243 APR 23,85 MAR 26,85 <W 0.01 0.52 0.030 0.050 0.025 0.375 0.015 MAY 21,85 APR 23,85 D 0.07 0.60 0.105 D 0.060 D 0.085 0.360 0.025 JUN 18,85 MAY 21,85 0.07 0.26 0.060 0.040 0.060 0.210 <T 0.003 JUL 16,85 JUN 18,85 0.14 0.29 0.065 0.070 0.085 0.210 <T 0.003 AUG 13,85 JUL 16,85 0.09 0.31 0.025 0.040 0.030 0.008 0.180 OCT 8,85 AUG 13,85 U 43.00 U 27.20 张某张某案 **** U 3.500 U 1.740 U 8.500 NOV 5,85 OCT 8,85 <T 0.03 0.31 0.045 0.050 0.035 0.240 <T 0.005 DEC 3,85 NOV 5,85 <T 0.04 0.18 0.015 <T 0.010 0.025 <T 0.001 0.050 DEC 31,85 DEC 3,85 0.31 0.33 0.030 0.050 0.250 <T 0.005 0.043 1 REMOVAL **EXPOSURE** MANGANSE NICKEL ZINC IRON LEAD VANADIUM ALUMINUM 1 DATE DATE MG/L MG/L MG/L MG/L MG/L MG/L MG/L JAN 28,85 JAN 2,85 0.003 0.0038 0.010 0.101 < 0.005 0.0004 0.079 FEB 26,85 JAN 29,85 **** *** **** 被法法法院 **** *** *** MAR 26,85 FEB 26,85 *** **** **** *** *** **** *** APR 23,85 MAR 26,85 0.003 0.0002 0.003 0.031 0.004 < 0.0004 0.054 MAY 21,85 APR 23,85 UG 0.015 < 0.0002 0.004 UG 0.261 0.004 D 0.0005 0.249 JUN 18,85 MAY 21,85 0.009 < 0.0002 0.003 D 0.120 B 0.014 < 0.0004 0.088 JUL 16,85 JUN 18,85 0.008 < 0.0002 0.003 0.006 0.005 < 0.0004 0.040 AUG 13,85 JUL 16,85 0.003 < 0.0002 0.002 0.027 < 0.002 < 0.0004 0.029 OCT 8,85 AUG 13,85 **** ***** **** *** **** **** *** NOV 5,85 OCT 8,85 0.005 0.0002 0.004 D 0.079 < 0.002 < 0.0004 D 0.077 DEC 3,85 NOV 5,85 0.001 0.0008 0.004 0.029 0.001 < 0.0004 0.027 DEC 31,85 DEC 3,85 0.003 0.0017 0.006 0.075 0.005 D 0.0008 D 0.128

10 -

STATION NAME : LAC LA CROIX/CUMULATIVE PRECIP. #33 **EXPOSURE** COPPER CADMIUM FREE H+ REMOVAL DATE DATE MG/L MG/L MG/L JAN 28,85 JAN 2,85 0.0012 0.00009 0.0174 **** **** 0.0135 FEB 26,85 JAN 29,85 **** **** 0.0110 MAR 26,85 FEB 26,85 < 0.0003 LG 0.0006 APR 23,85 MAR 26,85 0.00003 0.0016 < 0.00002 0.0008 MAY 21,85 APR 23,85 JUN 18,85 MAY 21,85 0.0019 < 0.00002 0.0078 0.0008 < 0.00002 0.0074 JUL 16,85 JUN 18,85 AUG 13,85 JUL 16,85 0.0007 0.00003 0.0129 ***** ***** U 0.0525 OCT 8,85 AUG 13,85 NOV 5,85 OCT 8,85 0.0007 0.00007 0.0087 DEC 3,85 NOV 5,85 0.0008 0.00010 0.0191 0.00016 DEC 31,85 DEC 3,85 0.0015 0.0219

STATION NAME : OTTER ISLAND/CUMULATIVE PRECIP. #38 PAGE : 1 REMOVAL **EXPOSURE** SAMPLING SAMPLE GAUGE GAUGE SAMPLE PROJECT SUBPROJECT SAMPLER COMMENTS DATE DATE START END TYPE DEPTH(MM) FIELD OFFICE TYPE NUMBER CODE CODE EFFICI-HR. HR. 01-RAIN 02,03-APIOS 02-APIOS 01-MOE ENCY 02-SNOW 09-AES 03-SPECIAL 03-AES (X) 03-COMP/04-OTHER MAY 21,85 APR 23,85 1300 1045 1 58.0 3 31008 2 AC 1 88 JUN 18,85 MAY 21,85 1045 800 1 54.0 1 31009 2 92 C 1 JUL 16,85 JUN 18,85 800 915 1 41.0 3 31010 2 64 1 AUG 13,85 JUL 16,85 915 800 109.0 3 31011 2 1 69 SEP 10,85 AUG 13,85 800 78.0 102 800 3 31012 2 1 OCT 8,85 SEP 10,85 800 820 144.2 3 31014 2 1 U 74 CDG NOV 5,85 OCT 8,85 830 800 166.9 3 31015 2 56 D REMOVAL **EXPOSURE** VOLUME CONDUCT. PH TOTAL H+ SULPHATE NITRATE CALCIUM DATE DATE LAB GRAN AS N ML UMHO/CM MG/L MG/L MG/L MG/L MAY 21,85 APR 23,85 1675.0 26.0 0.0616 4.39 3.15 0.48 0.45 JUN 18,85 MAY 21,85 1613.0 17.6 0.0456 4.62 2.25 0.28 0.21 JUL 16,85 JUN 18,85 859.0 28.9 4.30 0.0863 3.50 0.47 0.34 AUG 13,85 JUL 16,85 2474.0 25.7 4.43 0.0637 2.95 0.30 0.06 SEP 10,85 AUG 13,85 2597.0 14.3 4.66 0.0419 1.40 0.21 0.18 OCT 8,85 SEP 10,85 3485.0 20.8 4.52 0.0570 0.29 0.28 2.20

4.43

0.0619

2.05

0.36

0.18

NOV 5,85 OCT 8,85

3081.0

22.2

- 10

W

STATI	ON NAME : OT	TER ISLAND/CUMUL	ATIVE PRECIP.	#38			PAGE : 2		
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AHHONIUM AS N	PHOSPHOR	
		MG/L	MG/L	HG/L	MG/L	MG/L	HG/L	MG/L	
MAY 21,85	APR 23,85	0.03	0.67	0.100	0.045	0.030	0.580	0.007	
JUN 18,85	MAY 21,85	<w 0.01<="" td=""><td>0.49</td><td>0.040</td><td>0.025</td><td>0.020</td><td>0.455</td><td><t 0.002<="" td=""><td></td></t></td></w>	0.49	0.040	0.025	0.020	0.455	<t 0.002<="" td=""><td></td></t>	
JUL 16,85	JUN 18,85	0.09	0.43	0.065	0.090	D 0.070	0.465	<t 0.003<="" td=""><td></td></t>	
AUG 13,85	JUL 16,85	<t 0.05<="" td=""><td>0.50</td><td>0.030</td><td>0.025</td><td><t 0.015<="" td=""><td>0.415</td><td>0.010</td><td></td></t></td></t>	0.50	0.030	0.025	<t 0.015<="" td=""><td>0.415</td><td>0.010</td><td></td></t>	0.415	0.010	
SEP 10,85	AUG 13,85	<t 0.05<="" td=""><td>0.21</td><td><t 0.015<="" td=""><td><t 0.015<="" td=""><td><t 0.020<="" td=""><td>0.185</td><td><t 0.004<="" td=""><td></td></t></td></t></td></t></td></t></td></t>	0.21	<t 0.015<="" td=""><td><t 0.015<="" td=""><td><t 0.020<="" td=""><td>0.185</td><td><t 0.004<="" td=""><td></td></t></td></t></td></t></td></t>	<t 0.015<="" td=""><td><t 0.020<="" td=""><td>0.185</td><td><t 0.004<="" td=""><td></td></t></td></t></td></t>	<t 0.020<="" td=""><td>0.185</td><td><t 0.004<="" td=""><td></td></t></td></t>	0.185	<t 0.004<="" td=""><td></td></t>	
OCT 8,85	SEP 10,85	0.10	0.27	0.025	0.020	0.055	0.240	0.007	
NOV 5,85	OCT 8,85	0.07	0.26	0.030	<t 0.015<="" td=""><td>0.040</td><td>0.230</td><td><t 0.004<="" td=""><td></td></t></td></t>	0.040	0.230	<t 0.004<="" td=""><td></td></t>	
REMOVAL	EXPOSURE	MANGANSE	NICKEL	ZINC	*****			*******	
DATE	DATE	HANGANSE	MICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	10
MAY 21,85	APR 23,85	0.008	0.0004	0.010	0.108	0.007	< 0.0004	0.146	4
JUN 18,85	MAY 21,85	0.003	< 0.0002	0.004	0.039	0.007	< 0.0004	0.034	ï
JUL 16,85	JUN 18,85	0.007	< 0.0002	D 0.016	0.064	0.004	< 0.0004	0.052	
AUG 13,85	JUL 16,85	0.003	0.0010	0.011	0.025	0.005	D 0.0005	0.045	
SEP 10,85	AUG 13,85	< 0.001	< 0.0002	0.002	0.008	0.001	< 0.0004	0.012	
OCT 8,85	SEP 10,85	0.002	0.0002	0.006	0.008	0.006	< 0.0004	0.012	
NOV 5,85	OCT 8,85	0.003	0.0002	0.002	0.039	0.001	< 0.0004	0.051	

	STATI	ON NAME : OTTER	ISLAND/CUMUL	ATIVE PRECIP.	#38
REI	10VAL	EXPOSURE	COPPER	CADHIUM	FREE H+
1	DATE	DATE	MG/L	MG/L	MG/L
MAY	21,85	APR 23,85	0.0004	UG 0.00019	0.0407
W (100-11)	18,85	MAY 21,85	< 0.0003	0.00002	0.0240
	16,85	JUN 18,85	0.0024	0.00009	0.0501
-	13,85	JUL 16,85	0.0029	UG 0.00046	0.0372
	10,85	AUG 13,85	0.0003	0.00002	0.0219
OCT	8,85	SEP 10,85	0.0007	0.00005	0.0302
NOV		OCT 8,85	0.0002	0.00005	0.0372

PAGE : 1 STATION NAME : PICKLE LAKE/CUMULATIVE PRECIP. #36 GAUGE SAMPLE PROJECT SUBPROJECT SAMPLER COMMENTS SAMPLE GAUGE **EXPOSURE** SAMPLING REMOVAL FIELD OFFICE EFFICI-TYPE DEPTH(MM) TYPE NUMBER CODE CODE DATE DATE START END ENCY 02.03-APIOS 02-APIOS 01-MOE 01-RAIN HR. HR. (X) 03-SPECIAL 03-AES 02-SNOW 09-AES 03-COMP/04-OTHER 7 FJ 173.2 2 13825 2 1 1415 1215 2 JAN 29,85 JAN 2,85 U 95 · FJ 13826 2 1 FEB 26,85 JAN 29,85 1230 1120 10.8 2 U 38 FJ 16.0 2 13827 2 1 1000 MAR 26,85 FEB 26,85 1140 2 2 68 APR 23,85 MAR 26,85 1000 1230 95.2 2 13828 C 137.4 13830 2 1 1730 1615 1 MAY 27,85 APR 23,85 U 58 CG 34898 2 JUN 26,85 MAY 27,85 1615 1915 122.0 3 77 BCA 48.0 3 13831 2 JUL 16,85 JUN 26,85 1915 1920 74 C 2 AUG 13.85 JUL 16.85 1920 1915 94.0 3 13833 2 85 CD 3 13834 1 120.0 SEP 10,85 AUG 13,85 1415 1330 1 85 CD 134.7 13835 2 OCT 8,85 SEP 10,85 1330 1430 3 1 U 79 eca. 1430 35.2 2 13836 2 NOV 5,85 OCT 8,85 1430 U 5 CH CG 67.9 2 13837 2 1 DEC 3,85 NOV 5,85 1430 1430 I 110 C NC 18.3 13838 2 DEC 31,85 DEC 3,85 1430 1430 SULPHATE NITRATE CALCIUM TOTAL H+ VOLUME CONDUCT. PH REMOVAL EXPOSURE LAB GRAN AS N DATE DATE MG/L MG/L MG/L MG/L ML UMHO/CM 5.00 0.0272 0.55 0.08 0.11 396.0 6.7 JAN 29,85 JAN 2,85 0.21 0.20 0.75 334.0 10.0 4.91 0.0361 FEB 26,85 JAN 29,85 B 6.23 LG 0.0170 1.05 0.30 0.62 MAR 26,85 FEB 26,85 202.0 8.4 0.15 0.19 0.0295 1.15 2128.0 9.0 5.07 APR 23,85 MAR 26,85 0.19 5.17 0.0266 0.70 LG 0.07 MAY 27,85 APR 23,85 2877.0 6.5 0.75 0.09 UG 1.67 U 7.42 LG 0.0109 JUN 26,85 HAY 27,85 2330.0 8.2 0.15 1210.0 10.4 4.72 0.0428 1.05 0.10 JUL 16,85 JUN 26,85 0.19 0.0223 0.90 0.17 6.5 5.36 AUG 13,85 JUL 16,85 2265.0 0.14 0.10 5.10 0.0301 0.60 SEP 10.85 AUG 13,85 3341.0 7.2 0.0253 LG 0.35 <T 0.05 0.08 OCT 8,85 SEP 10,85 3751.0 4.1 5.24 0.17 0.12 10.9 4.87 0.0350 0.95 913.0 NOV 5,85 OCT 8,85 DEC 3,85 NOV 5,85 113.0 5.8 5.21 0.0252 0.35 <T 0.05 0.08 0.07 0.09 D 5.37 0.0228 0.40 DEC 31,85 DEC 3,85 659.0 5.8

STATI	ON NAME : PI	CKLE LAKE/CUMULA	TIVE PRECIP.	#36			PAGE : 2	
REMOVAL DATE	EXPOSURE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	. PHOSPHOR
DATE	DATE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
	£7865 6 550	50 Magazi	25 2765	NB 2 502				
JAN 29,85	JAN 2,85	0.15	0.12	<t 0.010<="" td=""><td><t 0.020<="" td=""><td>0.110</td><td><t 0.010<="" td=""><td>0.017</td></t></td></t></td></t>	<t 0.020<="" td=""><td>0.110</td><td><t 0.010<="" td=""><td>0.017</td></t></td></t>	0.110	<t 0.010<="" td=""><td>0.017</td></t>	0.017
FEB 26,85	JAN 29,85	0.31	0.17	0.030	D 0.050	0.310	0.085	0.017
MAR 26,85	FEB 26,85	0.35	0.38	0.125	0.065	0.300	0.100	0.027
APR 23,85	MAR 26,85	0.09	0.28	0.020	0.030	0.080	0.245	<t 0.003<="" td=""></t>
MAY 27,85	APR 23,85	<w 0.01<="" td=""><td>0.29</td><td>0.030</td><td>0.050</td><td>0.035</td><td>0.185</td><td><t 0.005<="" td=""></t></td></w>	0.29	0.030	0.050	0.035	0.185	<t 0.005<="" td=""></t>
JUN 26,85	MAY 27,85	0.07	0.54	UG 0.255	0.115	0.050	LG 0.030	0.063
JUL 16,85	JUN 26,85	<t 0.06<="" td=""><td>0.23</td><td>0.030</td><td>0.050</td><td>0.035</td><td>LG 0.055</td><td>0.010</td></t>	0.23	0.030	0.050	0.035	LG 0.055	0.010
AUG 13,85	JUL 16,85	<t 0.04<="" td=""><td>0.39</td><td>0.030</td><td>0.045</td><td>0.030</td><td>0.265</td><td>0.015</td></t>	0.39	0.030	0.045	0.030	0.265	0.015
SEP 10,85	AUG 13,85	0.22	0.18	<t 0.010<="" td=""><td><t 0.015<="" td=""><td>0.025</td><td>0.140</td><td><t 0.003<="" td=""></t></td></t></td></t>	<t 0.015<="" td=""><td>0.025</td><td>0.140</td><td><t 0.003<="" td=""></t></td></t>	0.025	0.140	<t 0.003<="" td=""></t>
OCT 8,85	SEP 10.85	<t 0.05<="" td=""><td><t 0.06<="" td=""><td><t 0.005<="" td=""><td><t 0.015<="" td=""><td><t 0.005<="" td=""><td>LG 0.040</td><td><t 0.004<="" td=""></t></td></t></td></t></td></t></td></t></td></t>	<t 0.06<="" td=""><td><t 0.005<="" td=""><td><t 0.015<="" td=""><td><t 0.005<="" td=""><td>LG 0.040</td><td><t 0.004<="" td=""></t></td></t></td></t></td></t></td></t>	<t 0.005<="" td=""><td><t 0.015<="" td=""><td><t 0.005<="" td=""><td>LG 0.040</td><td><t 0.004<="" td=""></t></td></t></td></t></td></t>	<t 0.015<="" td=""><td><t 0.005<="" td=""><td>LG 0.040</td><td><t 0.004<="" td=""></t></td></t></td></t>	<t 0.005<="" td=""><td>LG 0.040</td><td><t 0.004<="" td=""></t></td></t>	LG 0.040	<t 0.004<="" td=""></t>
NOV 5,85	OCT 8,85	0.08	0.23	0.020	0.045	0.065	0.145	0.007
DEC 3,85	NOV 5,85	<t 0.04<="" td=""><td>0.22</td><td>0.015</td><td><t 0.020<="" td=""><td>0.040</td><td><w 0.005<="" td=""><td>0.025</td></w></td></t></td></t>	0.22	0.015	<t 0.020<="" td=""><td>0.040</td><td><w 0.005<="" td=""><td>0.025</td></w></td></t>	0.040	<w 0.005<="" td=""><td>0.025</td></w>	0.025
DEC 31,85	DEC 3,85	0.18	0.11	0.040	0.035	0.110	<w 0.005<="" td=""><td>0.007</td></w>	0.007
								E CONTRACTOR
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 29.85	JAN 2,85	0.002	0.0044	0.006	0.082	0.010	< 0.0004	0.030
FEB 26,85	JAN 29,85	0.003	0.0007	0.007	0.038	UG 0.014	< 0.0004	0.047
MAR 26,85	FEB 26,85	0.010	< 0.0002	UG 0.029	UG 0.179	0.006	0.0007	0.164
APR 23,85	MAR 26,85	0.002	< 0.0002	0.002	0.044	0.008	< 0.0004	0.036
MAY 27,85	APR 23,85	0.003	0.0005	0.002	0.032	0.002	< 0.0004	0.047
JUN 26,85	MAY 27,85	UG 0.041	0.0013	0.002	UG 0.392	0.001	0.0014	0.234
JUL 16,85	JUN 26,85	0.004	< 0.0002	0.004	0.034	0.003	< 0.0004	0.039
AUG 13,85	JUL 16,85	D 0.005	0.0003	0.002	0.042	0.001	< 0.0004	0.022
SEP 10,85	AUG 13,85	0.001	< 0.0003	0.001	0.003	0.002	< 0.0004	0.025
OCT 8,85	SEP 10,85	< 0.001	< 0.0002	< 0.001	0.008	0.002	< 0.0004	0.008
NOV 5,85	OCT 8,85	0.001	0.0003	0.003	0.011	0.005	< 0.0004	0.027
DEC 3,85	NOV 5,85	****	*****	****	****	***	****	***
DEC 31,85	DEC 3,85	0.001	< 0.0002	0.005	0.021	< 0.003	< 0.0004	0.028
DEC 31,03	020 3,03	0.002						

STATI	ON NAME : PICK	LE LAKE/CUMULA	TIVE PRECIP.	#36
REMOVAL	EXPOSURE	COPPER	CADMIUM	FREE H+
DATE	DATE	MG/L	MG/L	MG/L
JAN 29,85	JAN 2,85	0.0013	0.00012	0.0100
FEB 26,85	JAN 29,85	0.0032	0.00006	0.0123
MAR 26,85	FEB 26,85	0.0043	0.00007	B 0.0006
APR 23,85	MAR 26,85	0.0009	0.00007	0.0085
MAY 27,85	APR 23,85	< 0.0003	0.00009	0.0068
JUN 26,85	MAY 27,85	0.0008	0.00003	U 0.0000
JUL 16,85	JUN 26,85	0.0009	0.00008	0.0191
	JUL 16,85	0.0005	< 0.00002	0.0044
AUG 13,85	AUG 13,85	0.0003	< 0.00002	0.0079
SEP 10,85		0.0005	< 0.00002	0.0058
OCT 8,85		B 0.0302	0.00006	0.0135
NOV 5,85	OCT 8,85	*****	*****	0.0062
DEC 3,85	NOV 5,85 DEC 3.85	0.0016	0.00006	D 0.0043
DEC 31.85	DEC 3.85	0.0010	0.0000	

PAGE : 3

O CENTRE/CUMULATIVE PRECIP.	#32	
-----------------------------	-----	--

REMOVAL DATE	EXPOSURE DATE	SAMPI START HR.	END HR.	SAMPLE TYPE 01-RAIN 02-SNOW -COMP/04-OTH	GAUGE DEPTH(MM)	GAUGE TYPE 02,03-APIOS 09-AES	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-HOE 03-AES	SAMPLER EFFICI- ENCY (%)	FIELD	MENTS OFFICE
JAN 29,85	JAN 2,85	900	900	2	18.8	9	95268	2	1	1 78	C	
FEB 26,85	JAN 29,85	900	900	2	8.9	2	95269	2	1	164	-	N
MAR 26,85	FEB 26,85	900	900	2	38.6	2	95270	2	1	25	С	N
APR 24,85	MAR 26,85	900	900	3	62.3	2	95271	2	1	100	Q	100.01
MAY 14,85	APR 24,85	900	900	3	58.0	2	95276	2	1	91	AC	н
MAY 22,85	MAY 14,85	900	900	1	59.1	9	95277	2	1	I 31	AC	N
JUN 18,85	MAY 22,85	900	900	1	74.0	1	95278	2	1	95		
JUL 16,85	JUN 18,85		1030	1	158.0	3	95279	2	1	95	AC	Н
AUG 13,85	JUL 16,85		800	1	146.0	3	95280	2	1	90	C	н
SEP 10,85	AUG 13,85		800	1	60.0	3	95281	2	1	U 84	e	
OCT 8,85	SEP 10,85		800	1	211.0	9	95282	2 .	1	I 83	8	N
NOV 5,85	OCT 8,85		1100	3	72.6	3	95283	2	1	31	C	N 1
DEC 3,85	NOV 5,85		1300	2	24.0	2	95284	2	1	114		c
DEC 31,85	DEC 3,85		900	2	23.4	2	95285	2	1	13	*	109
								ž				1

PAGE : 1

REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.		PH LAB	TOTAL H+ Gran	SULPHATE	MITRATE AS N	С	ALCIUM
		ML	UMHO/CM			MG/L	MG/L	MG/L		MG/L
JAN 29,85	JAN 2,85	479.0	8.6		4.92	0.0312	0.55	0.17		0.10
FEB 26,85	JAN 29,85	476.0	16.7		4.54	0.0575	1.00	0.44		0.11
MAR 26,85	FEB 26.85	316.0	7.6		5.14	0.0275	0.60	0.19		0.24
APR 24,85	MAR 26,85	2034.0	10.9		5.23	0.0304	1.60	0.25		0.26
MAY 14,85	APR 24.85	1718.0	12.1	UG	6.12	0.0297	1.80	0.39	UG	0.62
HAY 22,85	MAY 14.85	598.0	****		4.77	UG 0.0571	***	****		张妆女女
JUN 18,85	MAY 22,85	2297.0	8.6	UG	6.50	0.0205	1.15	0.23		0.43
JUL 16,85	JUN 18,85	4911.0	8.7	D	6.14	0.0216	1.20	0.23		0.41
AUG 13,85	JUL 16,85	4281.0	9.1		4.83	0.0332	1.00	0.17		0.21
SEP 10,85	AUG 13,85	1640.0	15.0		4.77	0.0413	1.55	0.33	D	0.27
OCT 8,85	SEP 10,85	5700.0	6.4		5.15	0.0299	0.70	0.12		0.11
NOV 5,85	OCT 8.85	734.0	14.6		4.81	0.0398	D 1.60	0.27		0.22
DEC 3,85	NOV 5,85	889.0	8.7		5.13	0.0287	0.65	0.21		0.13
DEC 31,85	DEC 3,85	104.0	14.8		4.77	0.0471	0.95	0.41		0.31

STA	TION NAME : QU	JETICO CENTRE/CUM	ULATIVE PRECIP.	#32			PAGE : 2	
REMOVAL DATE	. EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	PHOSPHOR
DATE	DATE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HG/L
JAN 29,8	5 JAN 2,85	0.13	0.10	<t 0.010<="" td=""><td><w 0.005<="" td=""><td>0.065</td><td>0.040</td><td>0.016</td></w></td></t>	<w 0.005<="" td=""><td>0.065</td><td>0.040</td><td>0.016</td></w>	0.065	0.040	0.016
FEB 26,8	5 JAN 29,85	0.16	0.30	<t 0.010<="" td=""><td>0.020</td><td>0.125</td><td>0.230</td><td>0.017</td></t>	0.020	0.125	0.230	0.017
MAR 26,8	5 FEB 26,85	0.15	0.39	0.030	0.025	0.115	0.090	0.033
APR 24,8	5 MAR 26,85	0.13	0.68	0.030	0.050	0.085	0.450	0.026
MAY 14,8	5 APR 24,85	0.14	1.00	0.085	0.045	0.085	0.635	0.027
MAY 22,8	5 MAY 14,85	***	****	***	新新新新	****	****	****
JUN 18,8	5 MAY 22,85	D 0.17	0.70	0.070	0.060	0.060	0.360	0.010
JUL 16,8		0.15	0.69	0.060	0.065	0.050	0.440	0.014
AUG 13,8	5 JUL 16,85	0.07	0.06	0.020	<t 0.010<="" td=""><td>0.040</td><td>0.195</td><td><t 0.003<="" td=""></t></td></t>	0.040	0.195	<t 0.003<="" td=""></t>
SEP 10,8		0.18	0.44	D 0.045	D 0.075	0.045	0.355	0.004
OCT 8,8	그래	<t 0.05<="" td=""><td>0.17</td><td><t 0.010<="" td=""><td>0.025</td><td>0.045</td><td>0.140</td><td><t 0.004<="" td=""></t></td></t></td></t>	0.17	<t 0.010<="" td=""><td>0.025</td><td>0.045</td><td>0.140</td><td><t 0.004<="" td=""></t></td></t>	0.025	0.045	0.140	<t 0.004<="" td=""></t>
NOV 5,8		0.08	0.40	0.040	<t 0.015<="" td=""><td>0.075</td><td>0.280</td><td>0.014</td></t>	0.075	0.280	0.014
DEC 3,8		0.09	0.21	0.015	0.085	0.050	0.120	0.008
DEC 31,6		0.38	0.24	0.050	<t 0.010<="" td=""><td>0.330</td><td><w 0.005<="" td=""><td>0.053</td></w></td></t>	0.330	<w 0.005<="" td=""><td>0.053</td></w>	0.053
REMOVAL		MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUHINUH
DATE	DATE			***		***	W0./1	MG/L
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 29,8	5 JAN 2,85	0.002	0.0002	< 0.006	0.028	0.002	< 0.0004	0.038
FEB 26,8		0.002	0.0006	0.004	0.053	0.004	< 0.0004	0.059
MAR 26,8		0.005	0.0006	D 0.007	0.105	0.005	< 0.0004	0.105
APR 24,8	5 MAR 26,85	0.003	0.0002	0.003	0.049	0.009	< 0.0004	0.053
MAY 14,8	5 APR 24,85	0.012	0.0008	0.005	UG 0.166	0.002	0.0004	0.161
MAY 22,8	5 MAY 14,85	****	****	****	***	保证金票	***	****
JUN 18,8								
		0.008	D 0.0010	0.001	0.033	< 0.001	< 0.0004	0.051
JUL 16,8	5 MAY 22,85	0.008	0.0003	0.003	0.070	0.001	< 0.0004	0.091
AUG 13,6	55 MAY 22,85 55 JUN 18,85		and the same of th	0.003	0.070	0.001	< 0.0004 < 0.0004	0.091 0.018
	35 MAY 22,85 35 JUN 18,85 35 JUL 16,85	0.007	0.0003	0.003 0.001 0.002	0.070 0.017 0.039	0.001 0.002 0.002	< 0.0004 < 0.0004 < 0.0004	0.091 0.018 0.047
AUG 13,6	MAY 22,85 35 JUN 18,85 35 JUL 16,85 35 AUG 13,85	0.007 0.002	0.0003 < 0.0002 < 0.0002 < 0.0002	0.003 0.001 0.002 0.001	0.070 0.017 0.039 0.008	0.001 0.002 0.002 0.001	< 0.0004 < 0.0004 < 0.0004 < 0.0004	0.091 0.018 0.047 0.012
AUG 13,6 SEP 10,6	MAY 22,85 35 JUN 18,85 35 JUL 16,85 35 AUG 13,85 35 SEP 10,85	0.007 0.002 D 0.004 0.001 0.004	0.0003 < 0.0002 < 0.0002 < 0.0002 0.0004	0.003 0.001 0.002 0.001 0.005	0.070 0.017 0.039 0.008 0.034	0.001 0.002 0.002 0.001 0.003	< 0.0004 < 0.0004 < 0.0004 < 0.0004 < 0.0004	0.091 0.018 0.047 0.012 0.041
AUG 13,6 SEP 10,6 OCT 8,6	MAY 22,85 JUN 18,85 JUL 16,85 AUG 13,85 SEP 10,85 OCT 8,85	0.007 0.002 D 0.004 0.001	0.0003 < 0.0002 < 0.0002 < 0.0002	0.003 0.001 0.002 0.001	0.070 0.017 0.039 0.008	0.001 0.002 0.002 0.001	< 0.0004 < 0.0004 < 0.0004 < 0.0004	0.091 0.018 0.047 0.012

PAGE : 3 STATION NAME : QUETICO CENTRE/CUMULATIVE PRECIP. #32 FREE H+ COPPER CADHIUM **EXPOSURE** REMOVAL DATE DATE MG/L MG/L MG/L 0.00004 0.0120 JAN 29,85 JAN 2,85 < 0.0006 0.00003 0.0288 0.0005 FEB 26,85 JAN 29,85 0.0072 0.0024 0.00005 MAR 26,85 FEB 26,85 0.0059 0.00008 0.0014 APR 24,85 MAR 26,85 LG 0.0008 0.00012 0.0005 MAY 14,85 APR 24,85 **** **** 0.0170 MAY 22,85 MAY 14,85 LG 0.0003 0.00005 0.0007 JUN 18,85 MAY 22,85 D 0.0007 0.00005 JUN 18,85 0.0016 JUL 16,85 < 0.00002 0.0148 < 0.0002 AUG 13,85 JUL 16,85 0.0170 SEP 10,85 AUG 13,85 0.0008 0.00003 0.0071 0.00003 OCT 8,85 SEP 10,85 0.0002 0.0155 0.00006 0.0016 NOV 5,85 OCT 8,85 0.0074 0.0008 0.00008 DEC 3,85 NOV 5,85 **** 0.0170 **** DEC 31,85 DEC 3,85

SIAIIC	ON NAME : W	THT2K/CO	HOLA I I V	FREGIF.	#2	,			PAGE			
REHOVAL	EXPOSURE	SAMPL	ING	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	COMM	HENTS
DATE	DATE	START	END	TYPE	DEPTH(MM)	TYPE	NUMBER	CODE	CODE	EFFICI-	FIELD	OFFICE
		HR.	HR.	01-RAIN		02,03-APIOS		02-APIOS	01-H0E	ENCY		
				02-SNOW		09-AES		03-SPECIAL	03-AES	(X)		
			03	-COMP/04-OTHER	8							
JAN 28,85	DEC 18,84	2230	1430	2	****	*	35325	2	1	***		н
EB 26,85	JAN 28,85	1430	800	2	13.8	9	35374	2	1	I 32		HM
MAR 28,85	FEB 26,85	800	800	3	32.0	9	35401	2	1	I 22		
SEP 17,85	MAR 28,85	800	1140	1	396.3	9	35587	2	1	U 50	ACDFJQ	C
CT 8,85	SEP 17,85	1140	930	1	114.8	9	35606	2	1	I 42	ACD	
IOV 4,85	OCT 8,85	930	1200	3	47.6	9	35652	2	1	I 100	BC	HC
EC 3,85	NOV 4,85	1200	1000	2	18.2	9	35686	2	1	I 35	C	
JAN 3,86	DEC 3,85	1000	1100	. 2	27.9	9	35712	2	1	I 23		н
	*											_
REMOVAL	EXPOSURE	٧	OLUME	CONDUCT		PH	TOTAL H+ GRAN	SULPHAT		TRATE AS N	CALCIUM	4
DATE	DATE		HL	UMHO/CF		LAB	MG/L	HG/L		MG/L	MG/L	
						4.4.4						
DAN 28,85	DEC 18,84		350.0	10.0		5.16	0.0239	0.85		0.13	0.37	
EB 26,85	JAN 28,85		145.0	21.8		6.87	0.0194	1.40		0.03	UG 1.41	
AR 28,85	FEB 26,85		233.0	11.5		6.18	0.0184	0.95		0.13	0.48	
EP 17,85	MAR 28,85		473.0	U 10.7			0.0253	U 1.50		0.01	U 0.66	
CT 8,85	SEP 17,85		596.0	22.4		5.19	0.0304	1.40		0.01	0.34	
OV 4,85 EC 3,85	OCT 8,85 NOV 4,85		559.0 210.0	15.1 13.3		5.65 6.90	0.0232	1.05 1.00		0.08	0.35	

STATE	ON NAME : WI	NISK/CUMULATIVE	PRECIP.	#29			PAGE : 2	
REMOVAL DATE	EXPOSURE DATE	CHLORIDE	KJELDAHL AS N	MAGNESIM	POTASSIM	SODIUM	MUINONNA N 2A	PHOSPHOR
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HG/L
JAN 28,85 FEB 26,85	DEC 18,84 JAN 28,85	1.03	0.12	0.130	0.025	0.520	0.045	0.011
MAR 28,85	FEB 26,85	1.52	0.22 UG 0.45	UG 0.555 0.185	0.155	2.200	<w 0.005<="" td=""><td>0.028</td></w>	0.028
SEP 17,85	MAR 28,85	11 0 61	U 1.85	U 0.155	<w 0.005<br="">U 0.105</w>	0.900 U 0.305	<w 0.005<="" td=""><td>0.032</td></w>	0.032
OCT 8,85	SEP 17,85	UG 4.15	0.16	0.290	0.130	UG 2.250	U 0.275 <w 0.005<="" td=""><td>U 0.185</td></w>	U 0.185
NOV 4,85	OCT 8,85	2.01	LG 0.06	0.160	0.065	1.320	<w 0.005<="" td=""><td>0.017</td></w>	0.017
DEC 3,85	NOV 4,85	2.22	0.10	0.155	0.075	1.650	<t 0.005<="" td=""><td>0.009 0.023</td></t>	0.009 0.023
JAN 3,86	DEC 3,85	3.08	0.11	0.215	0.070	1.630	<t 0.010<="" td=""><td>0.024</td></t>	0.024
REMOVAL DATE	EXPOSURE DATE	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
5472	DATE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 28,85 FEB 26,85	DEC 18,84 JAN 28,85	0.002	0.0004	0.015	0.108	0.011	< 0.0004	UG 0.194
MAR 28,85	FEB 26,85	UG 0.008	0.0005	****	****	***	班安保证	****
SEP 17,85	MAR 28,85	U 0.004	U 0.0003	UG 0.110 U 0.006	UG 0.543	0.010	0.0006	UG 0.099
OCT 8,85	SEP 17,85	0.001	0.0005	0.002	U 0.077 0.012	U 0.002	U 0.0004	U 0.067
NOV 4,85	OCT 8,85	0.002	0.0002	0.002	0.028	0.002 0.010	< 0.0004	0.018
DEC 3,85	NOV 4,85	0.001	0.0003	0.008	0.040	0.004	< 0.0004	0.024
JAN 3,86	DEC 3,85	0.001	0.0002	0.006	0.033	0.005	< 0.0004 < 0.0004	0.049
							70 A 15 C 70 C	0.0.0

STAT	ION NAME : WIN	NISK/CUMULATIVE	PRECIP.	\$ 29
REMOVAL Date	EXPOSURE DATE	COPPER	CADMIUM	FREE H+
		MG/L	MG/L	MG/L
JAN 28,85 FEB 26,85 MAR 28,85 SEP 17,85 OCT 8,85 NOV 4,85 DEC 3,85 JAN 3,86	JAN 28,85 FEB 26,85	0.0037 ******* UG 0.0093 U 0.0021 0.0012 0.0012 0.0009 0.0011	0.00050 ******** 0.00019 U 0.00007 0.00003 0.00002 0.00005	0.0069 0.0001 0.0007 U 0.0002 0.0065 0.0022 0.0001

FTT -

PAGE : 3

(16123)

TD/196/A25/A4/1985/MOE/APIOS

TD 196/A25 A4/1985/MOE/APIOS Ontario Ministry of the En Cumulative (28 day) precipitation agom

c.1 a aa